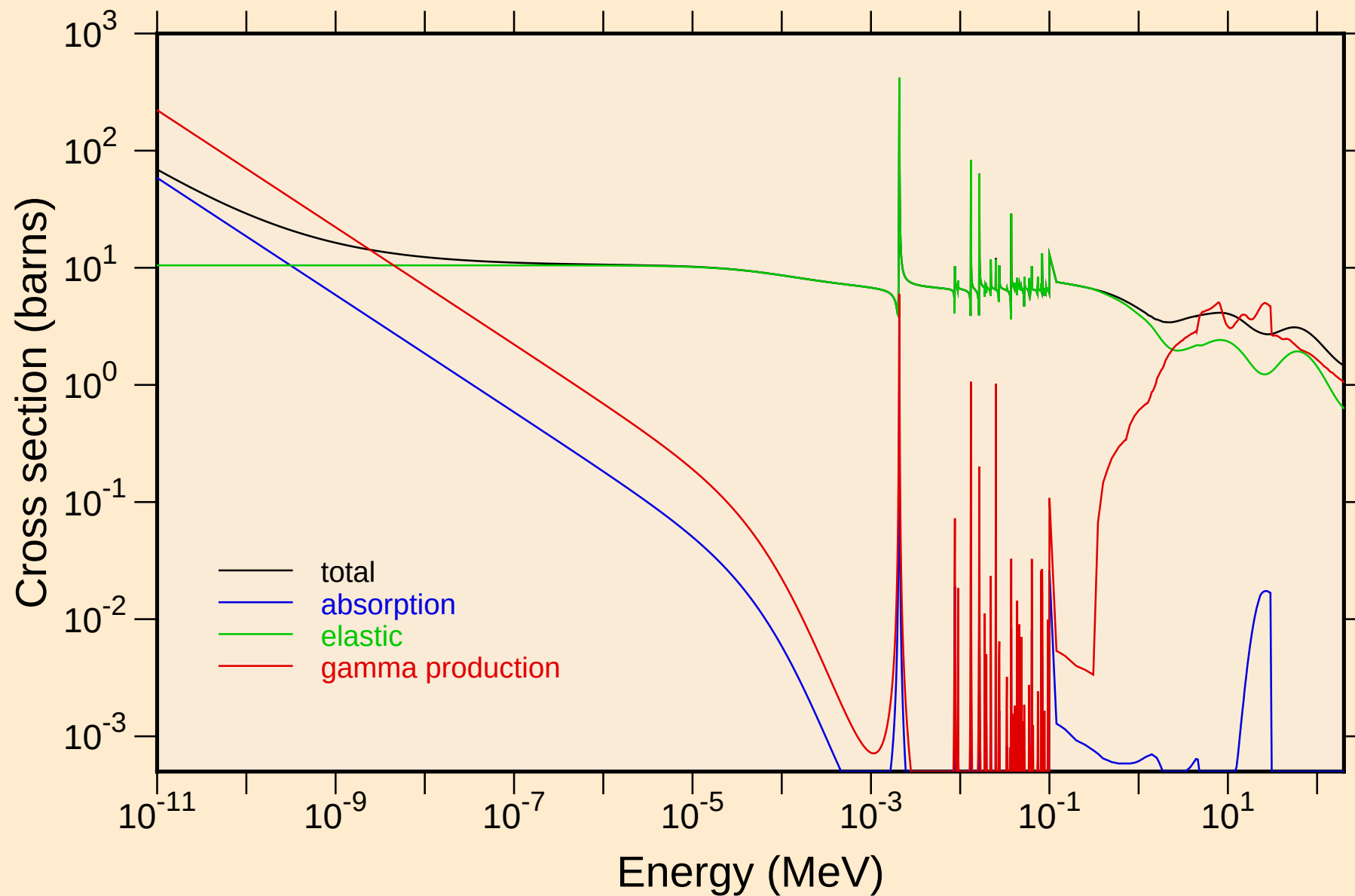
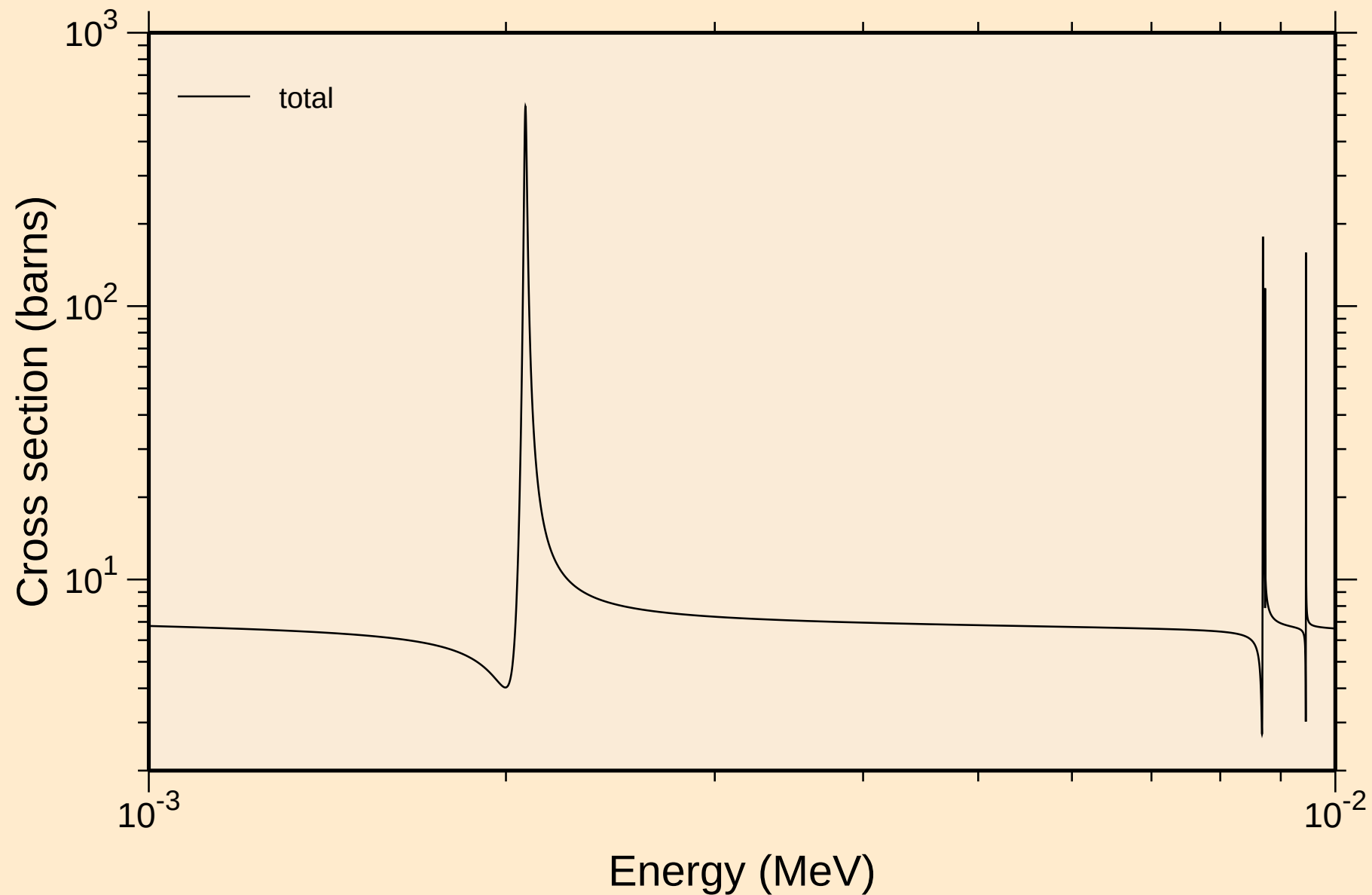


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

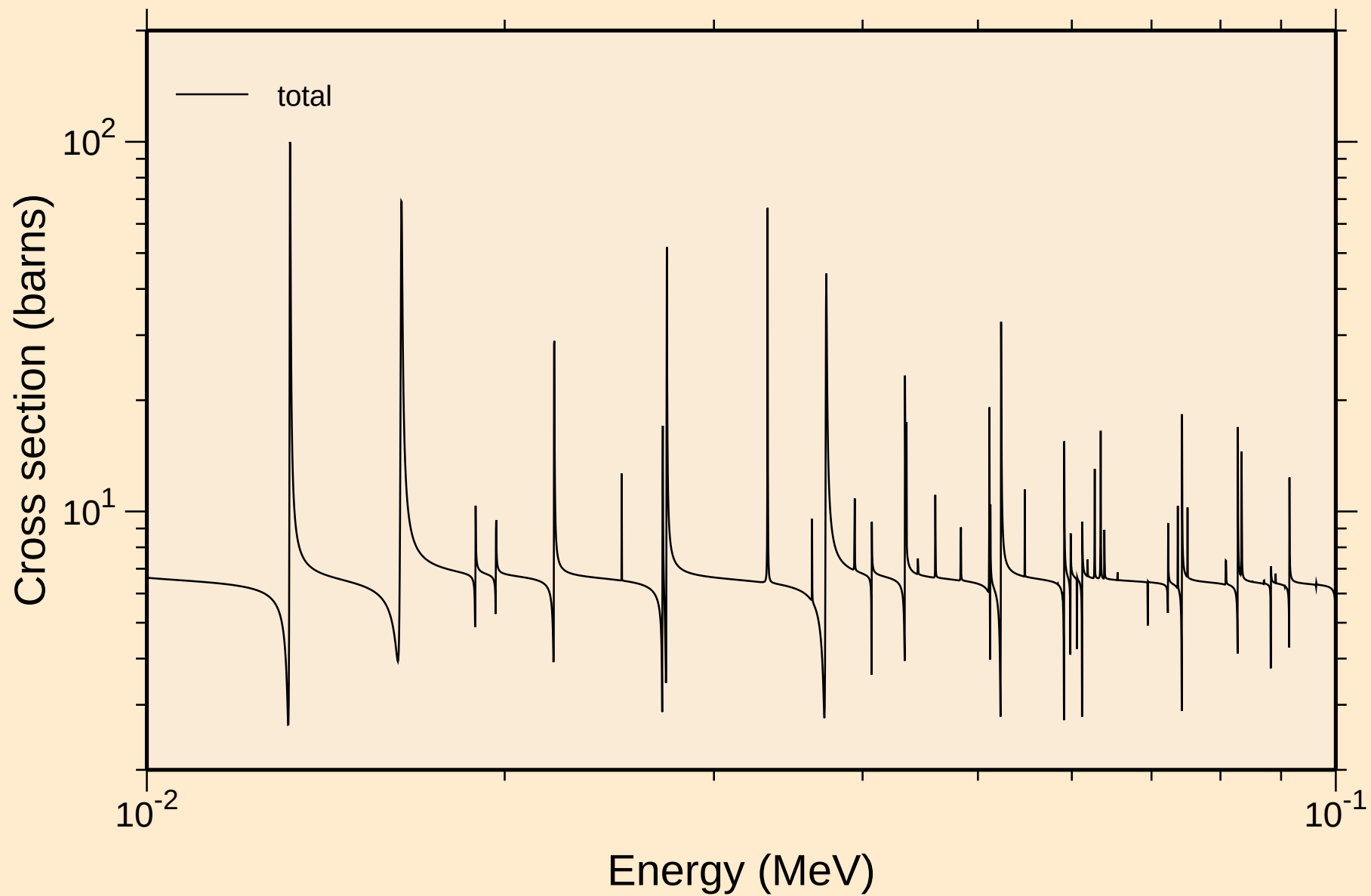
Principal cross sections



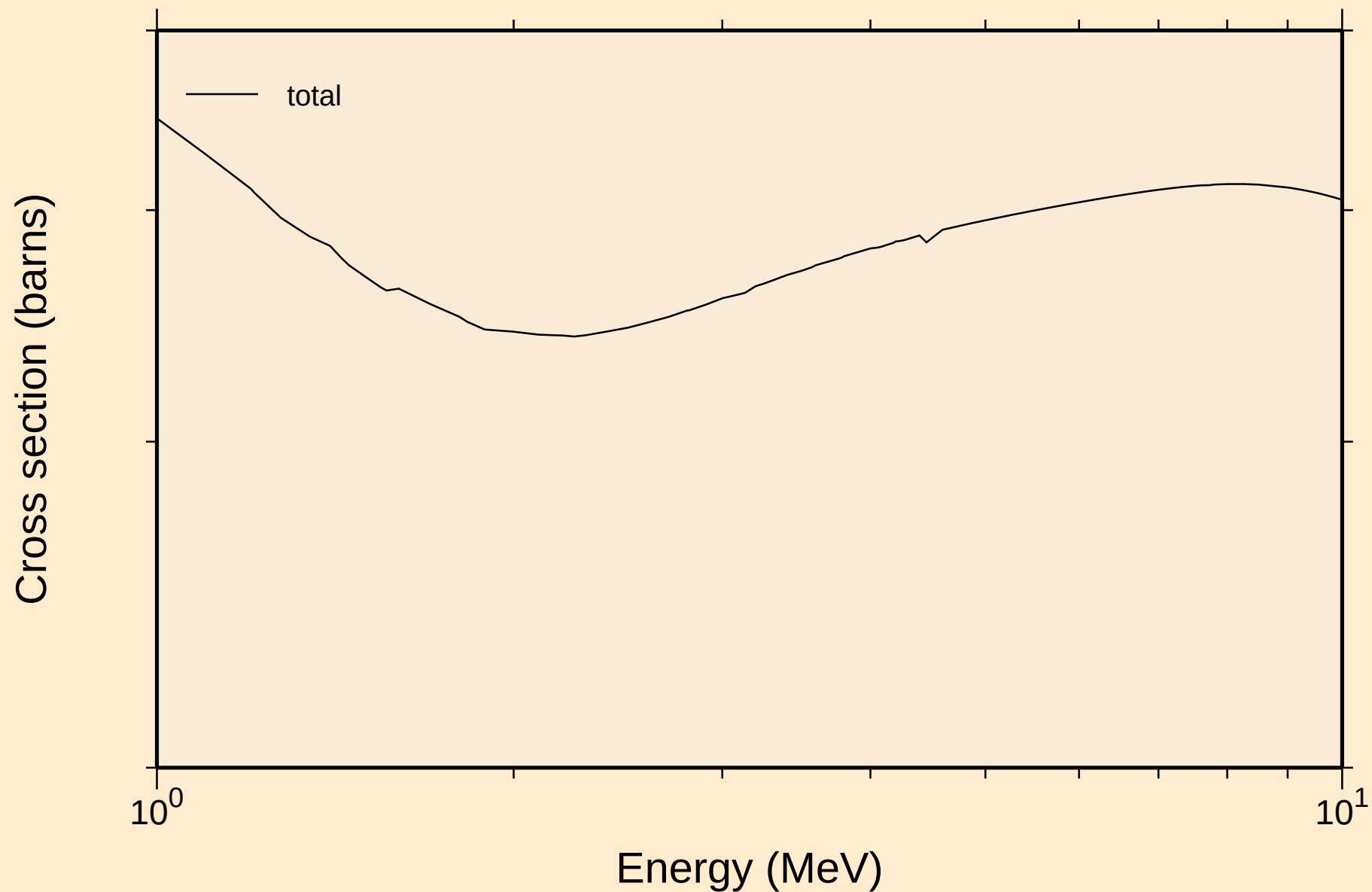
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



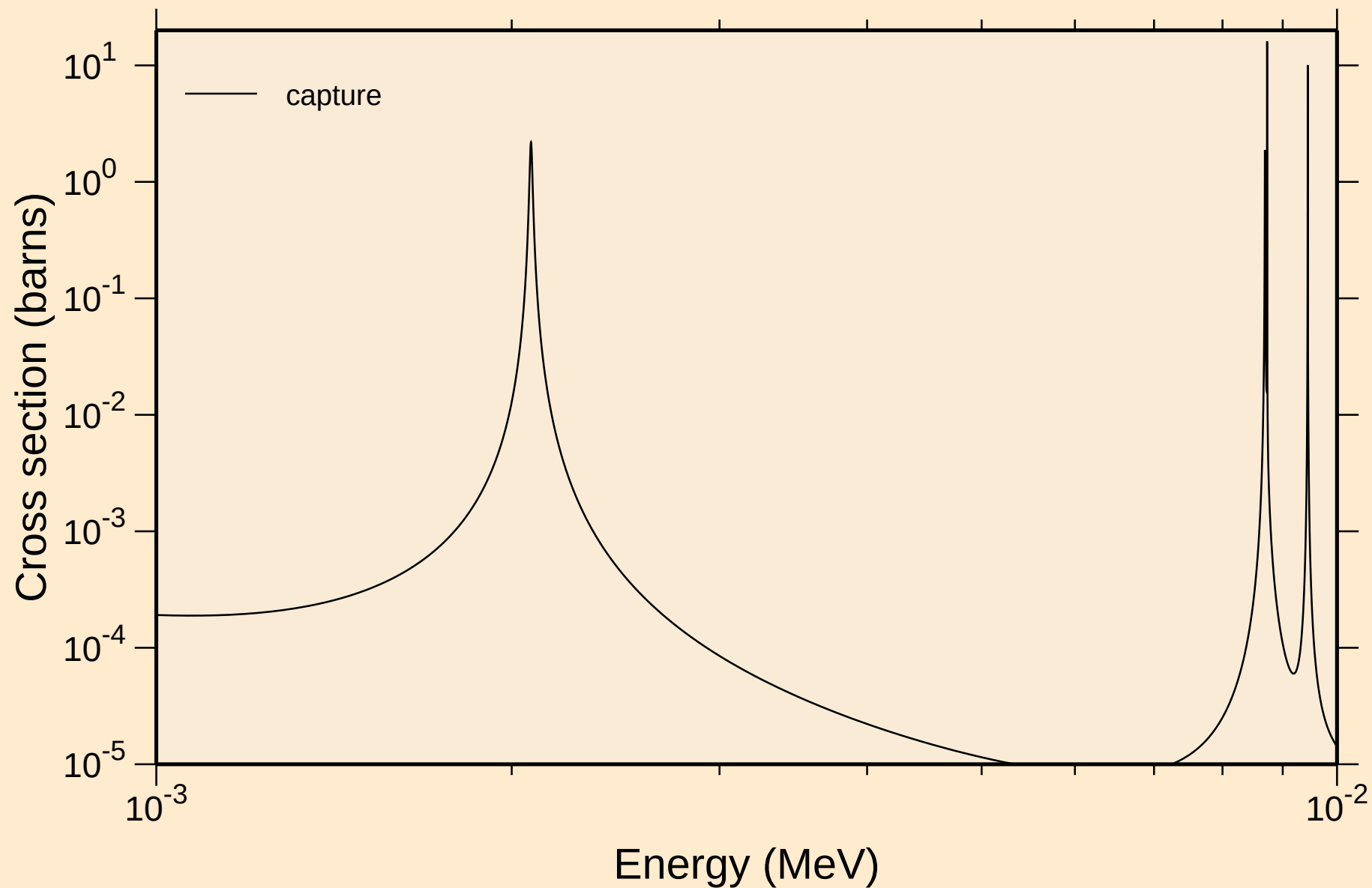
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



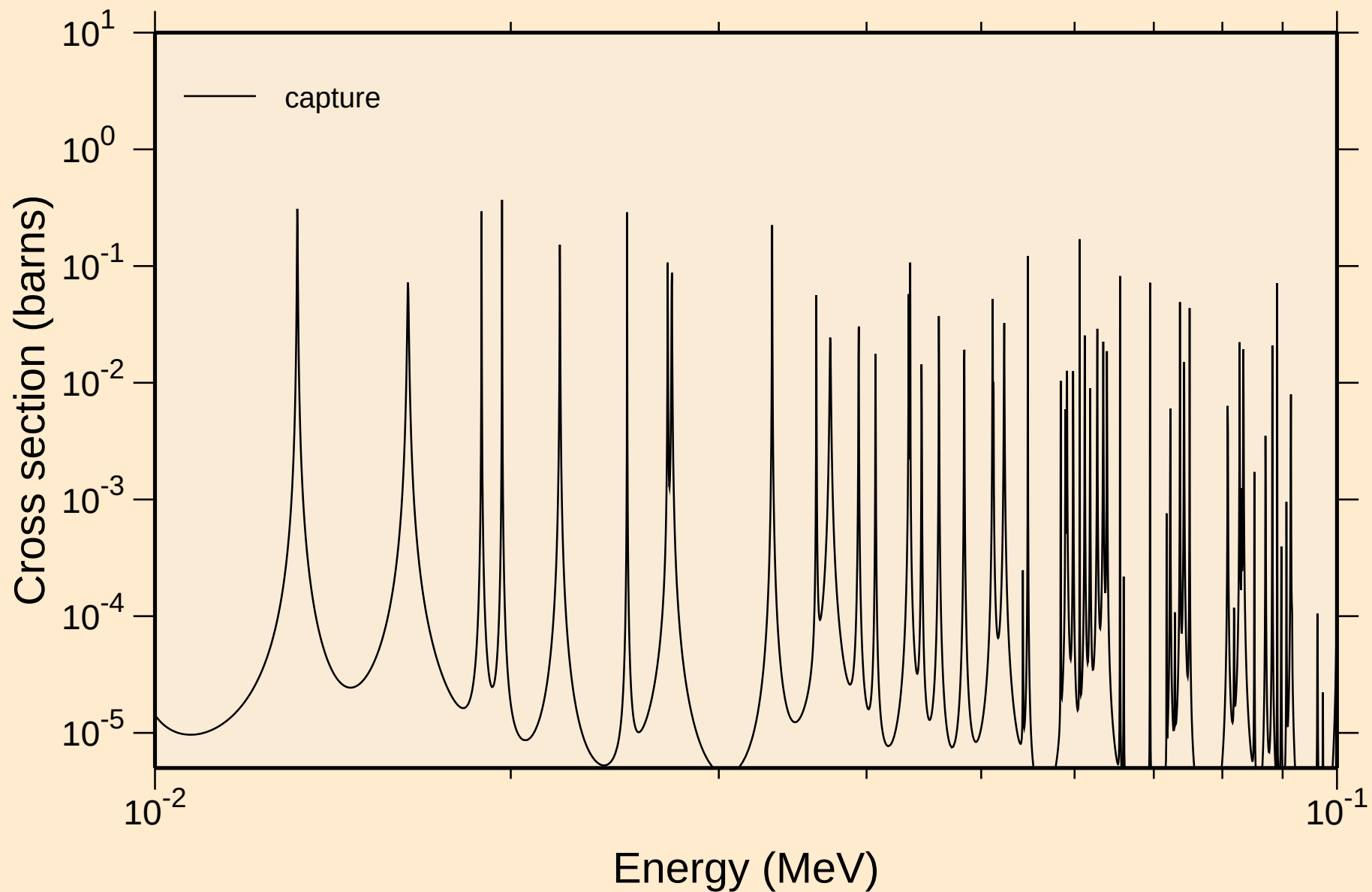
A5083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



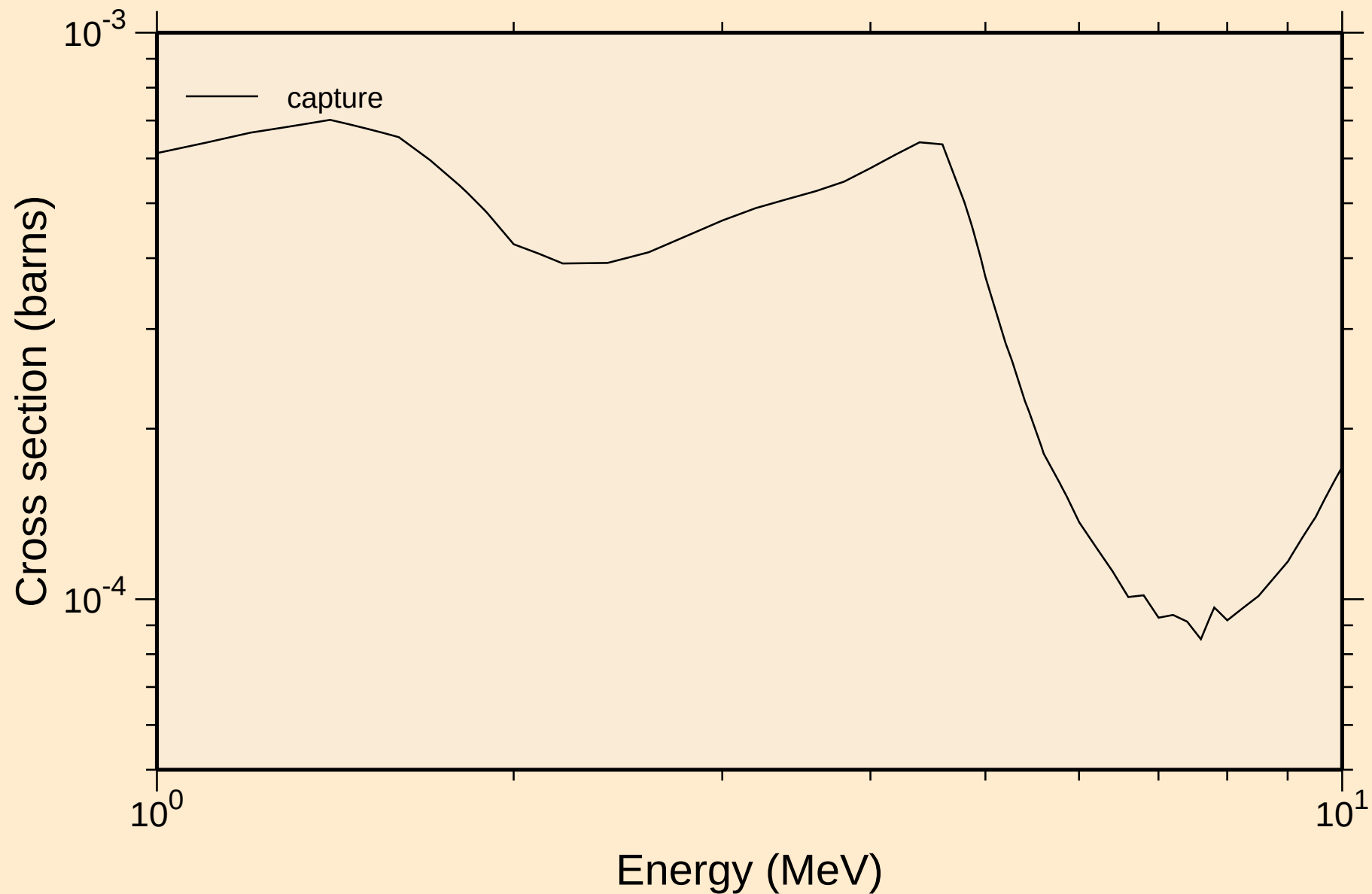
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

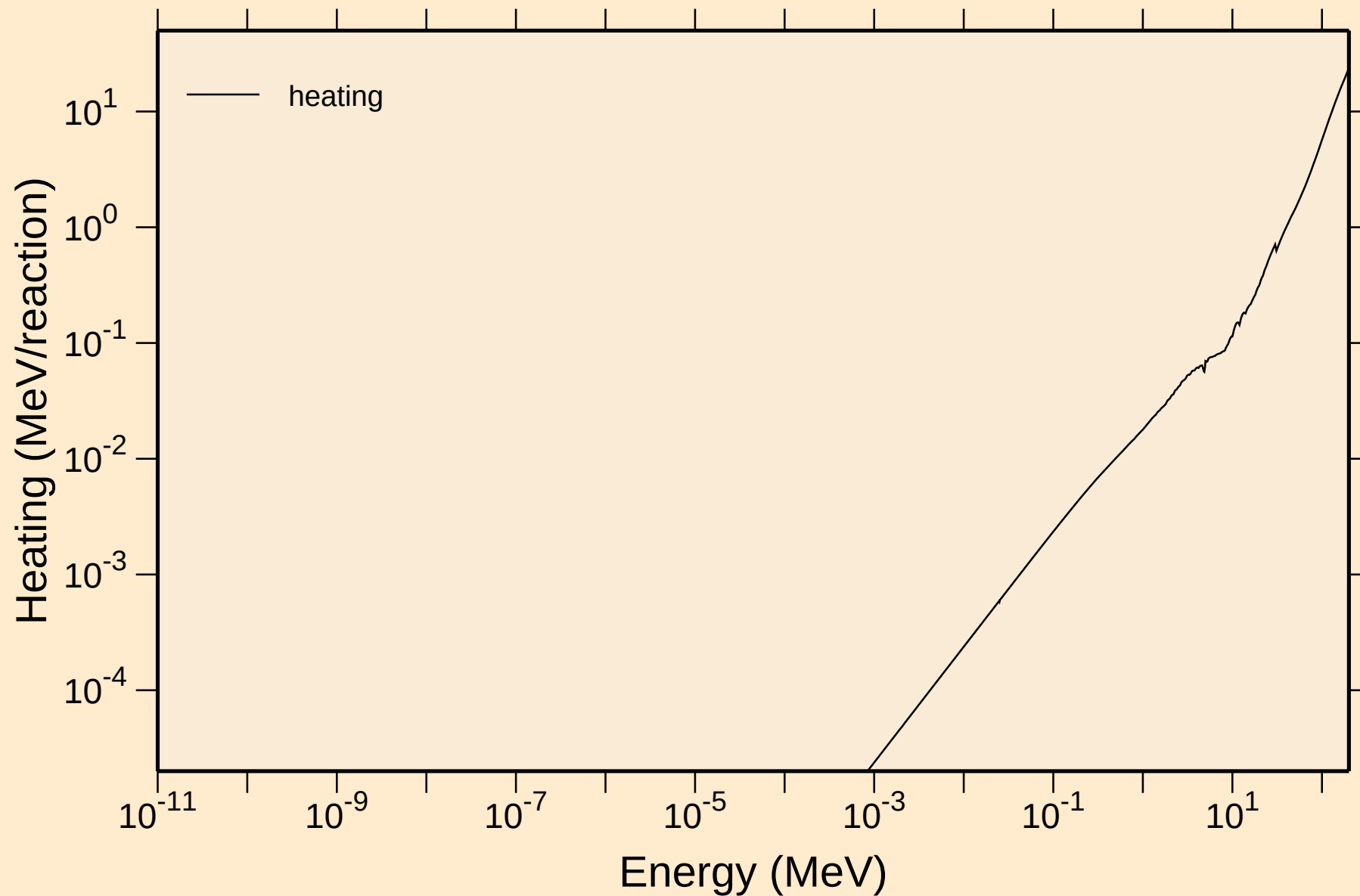


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



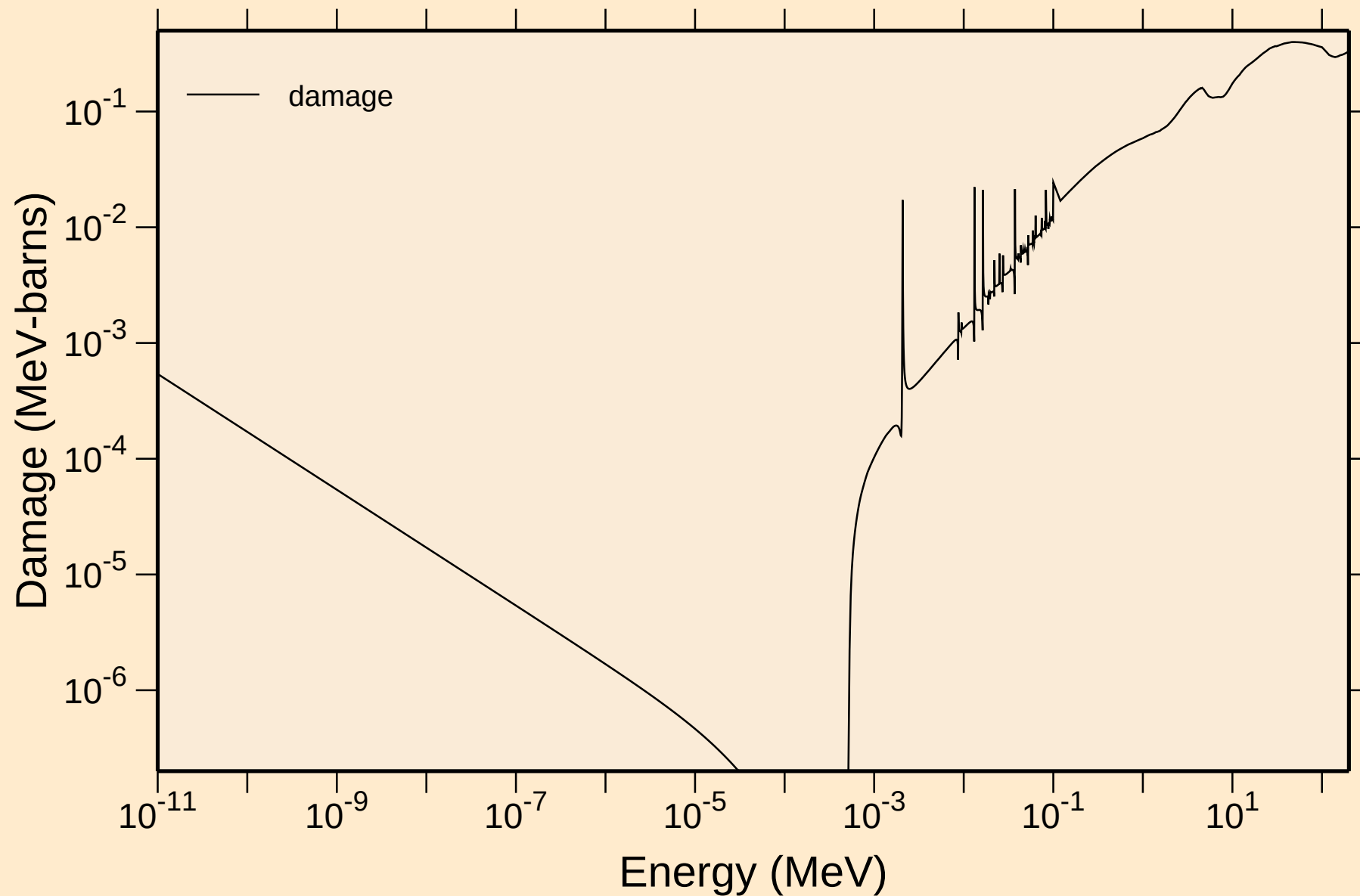
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



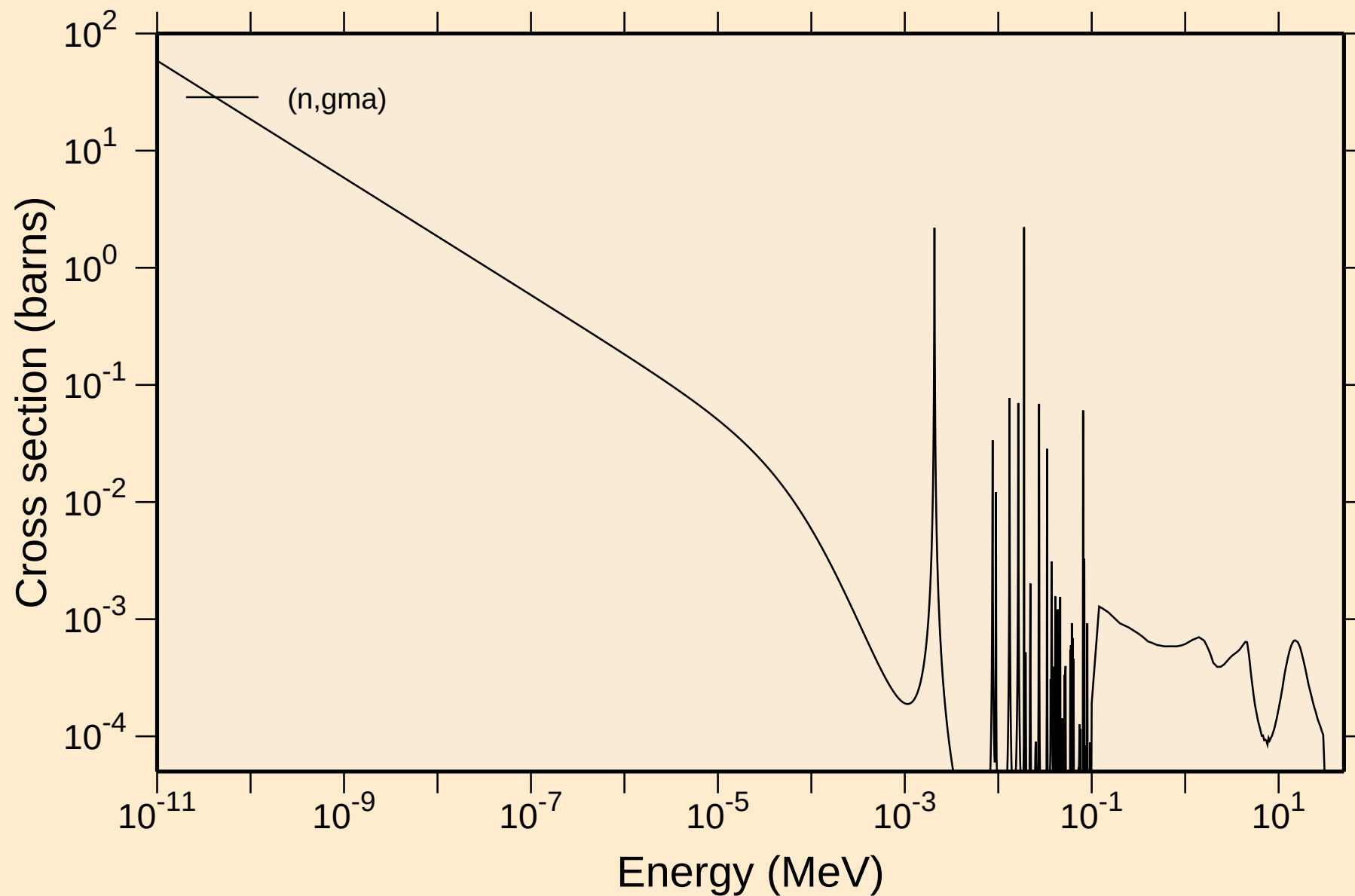
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



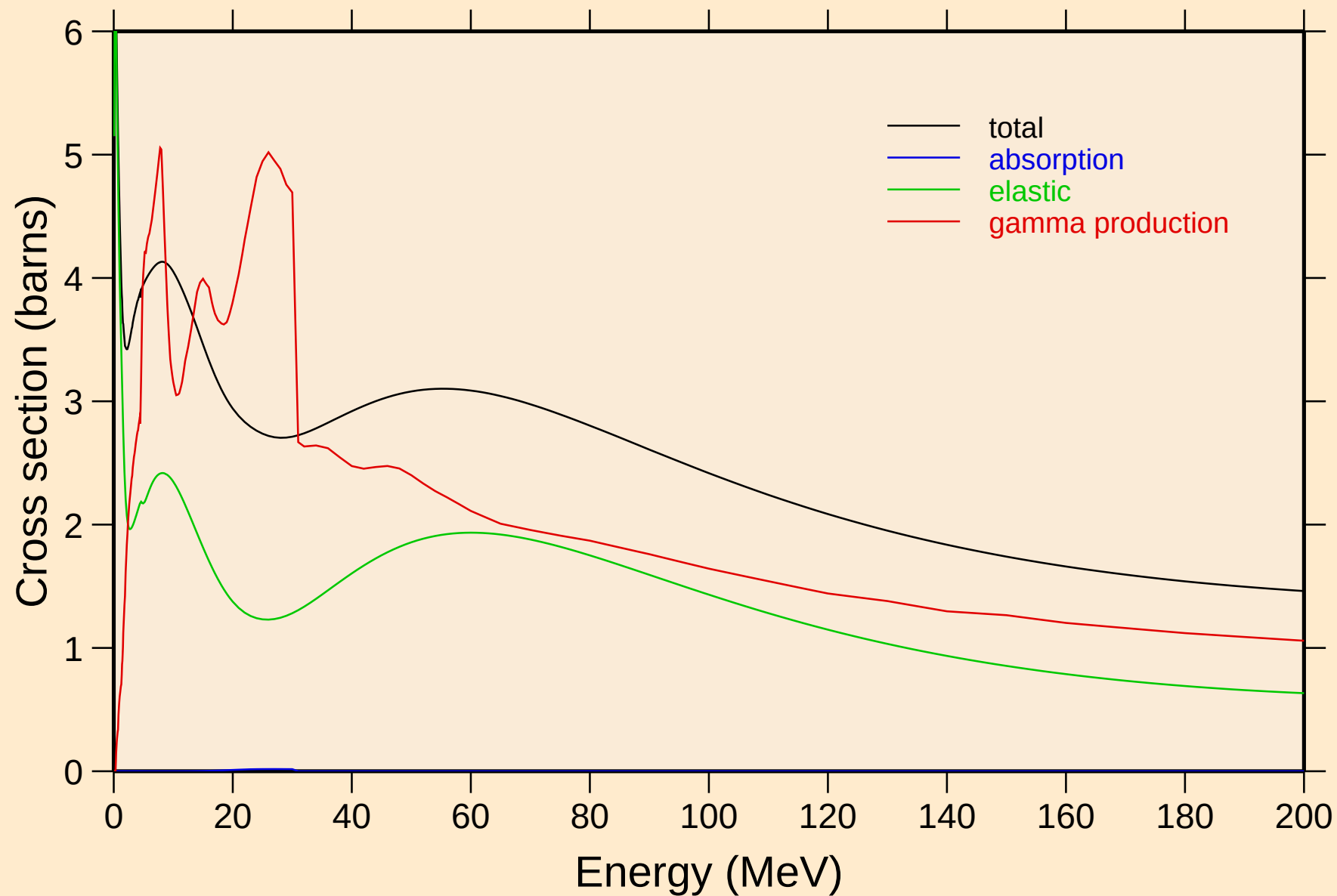
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



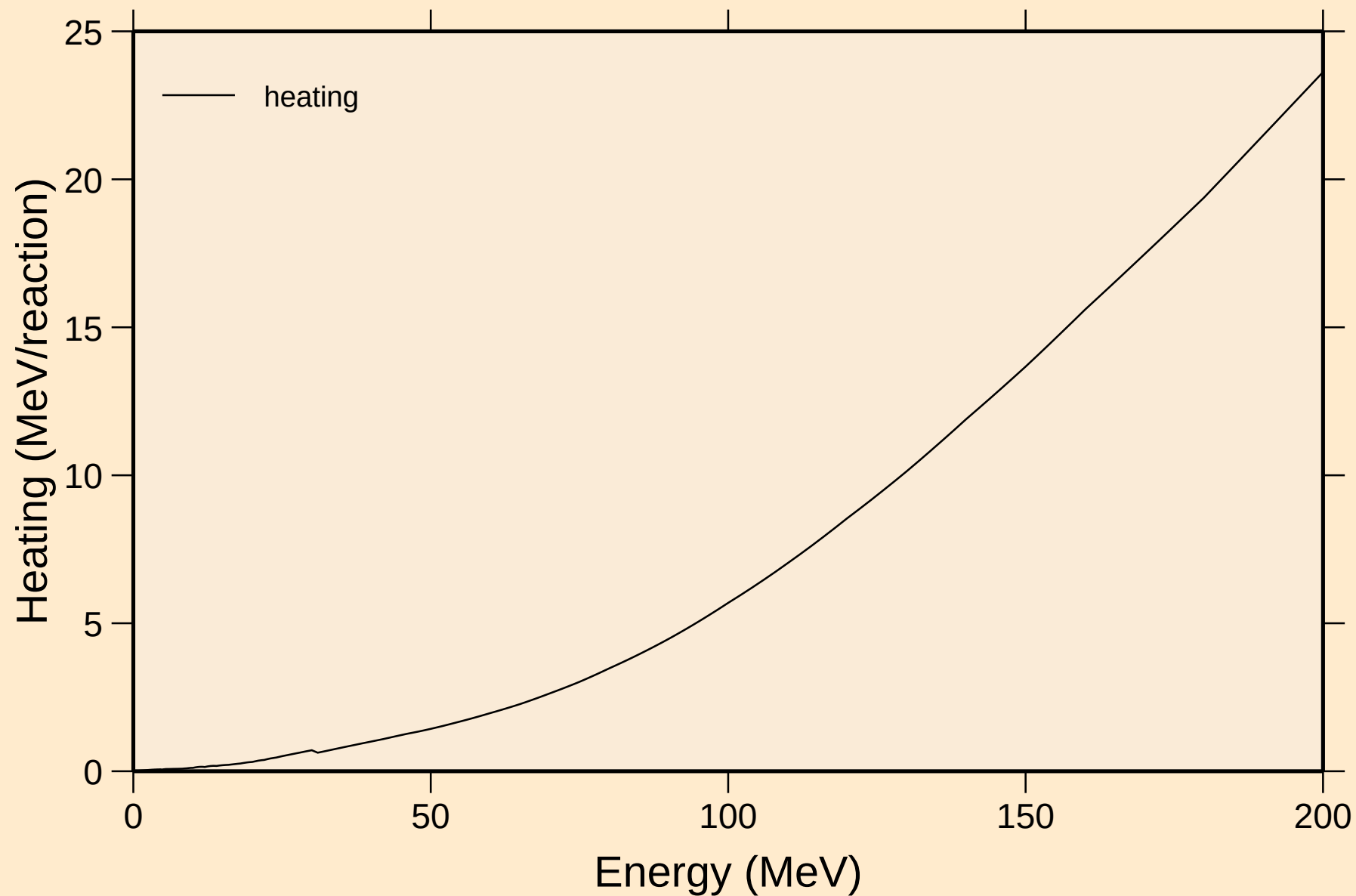
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



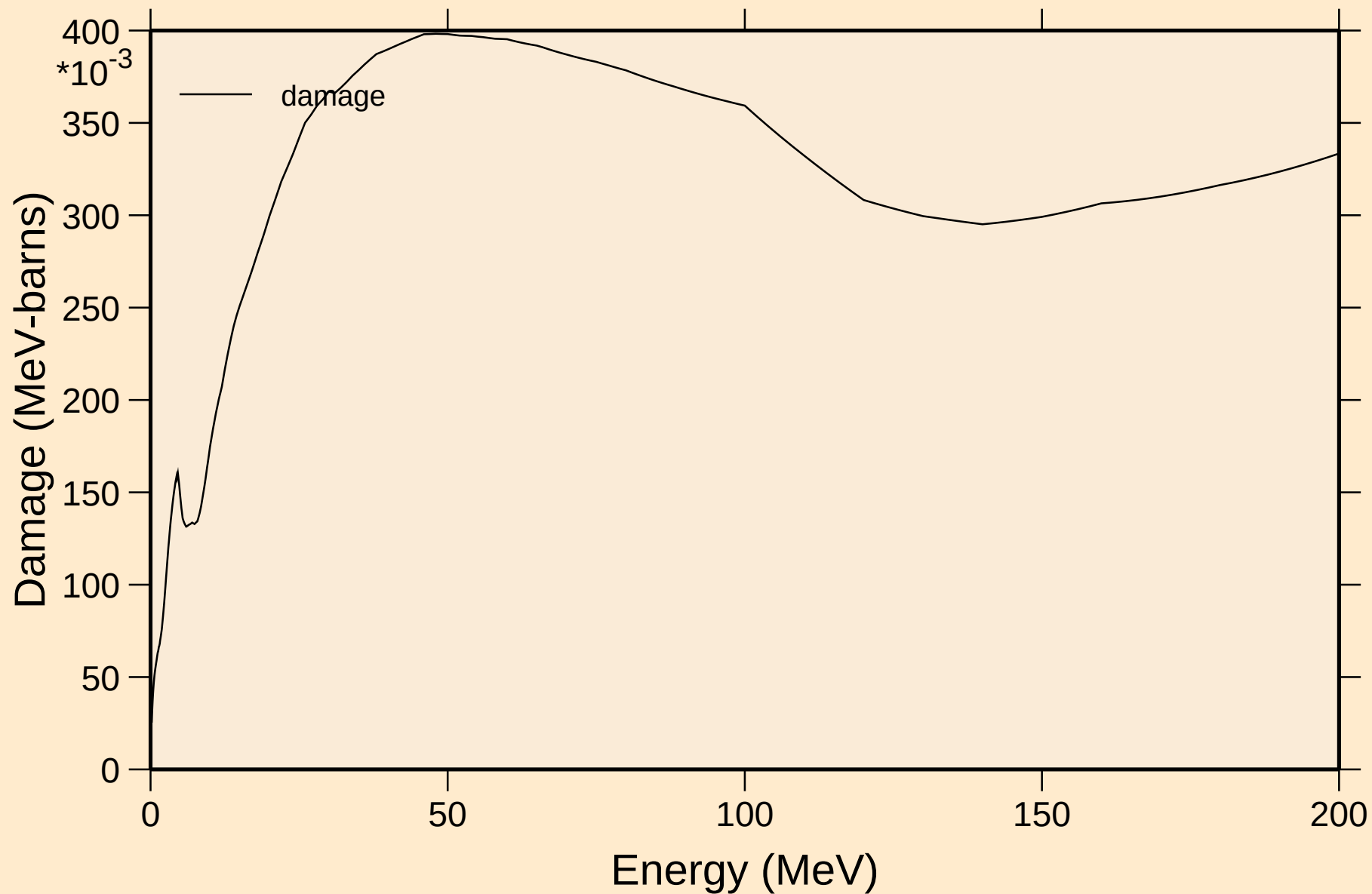
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

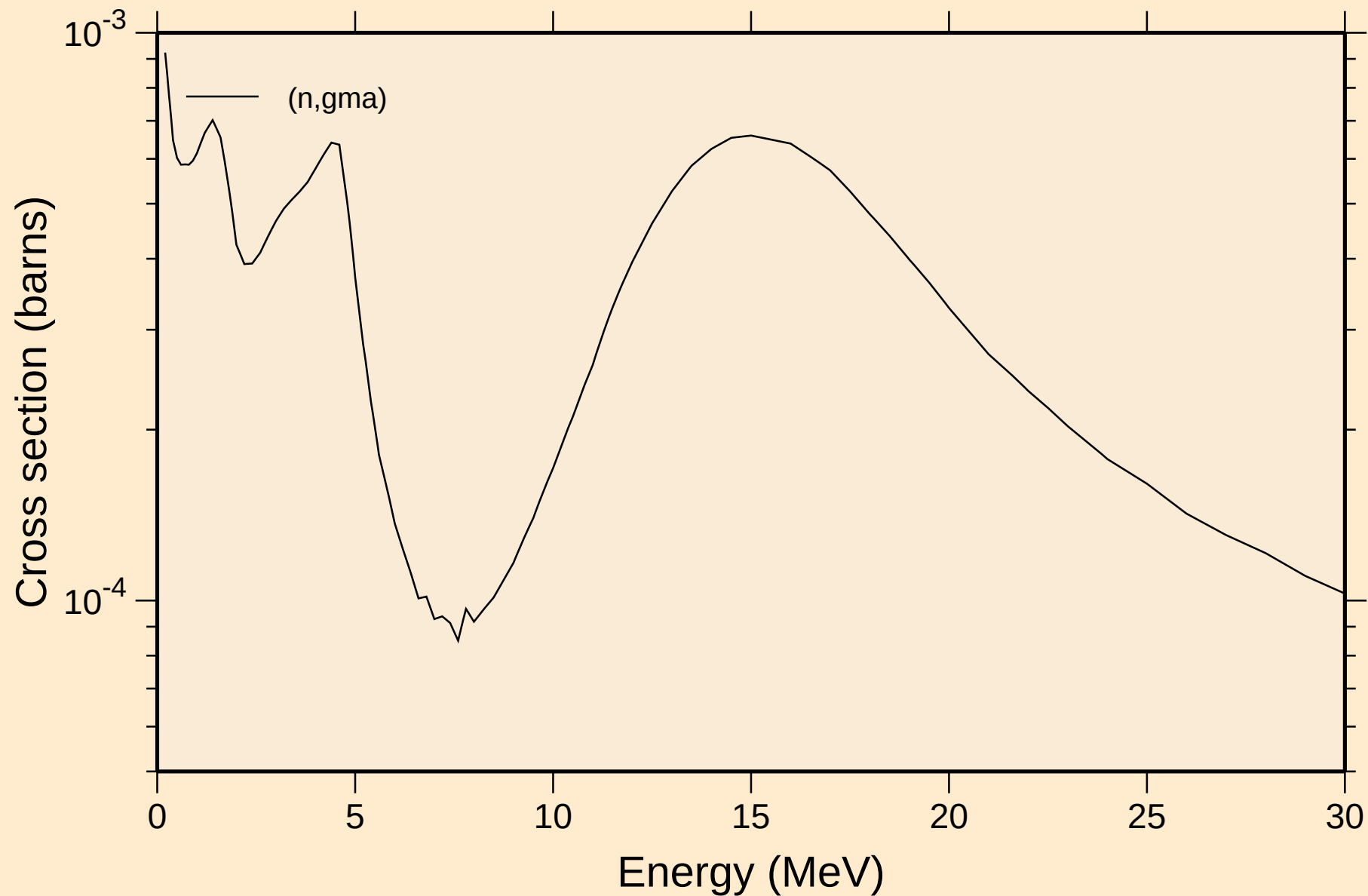


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

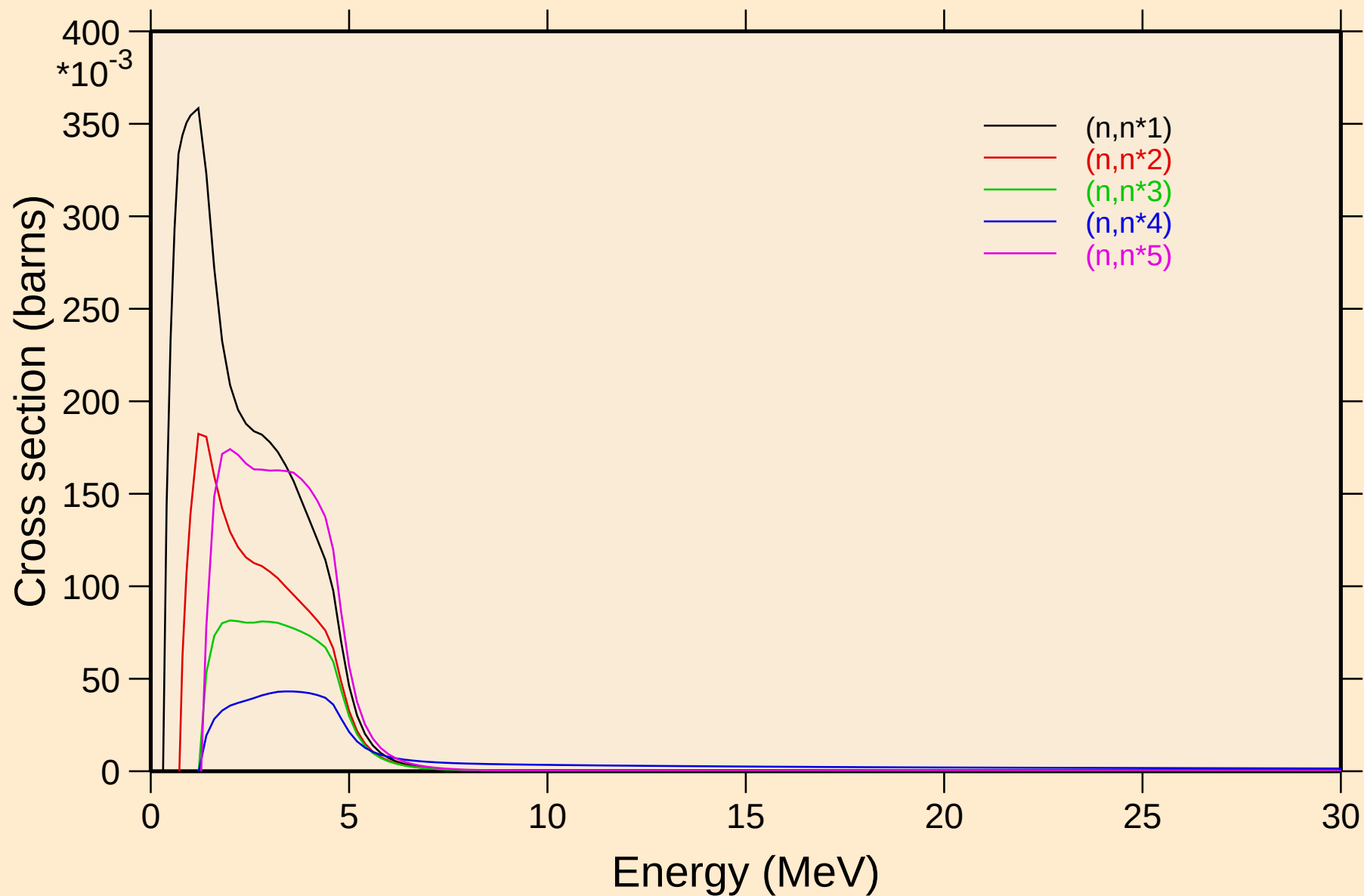


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

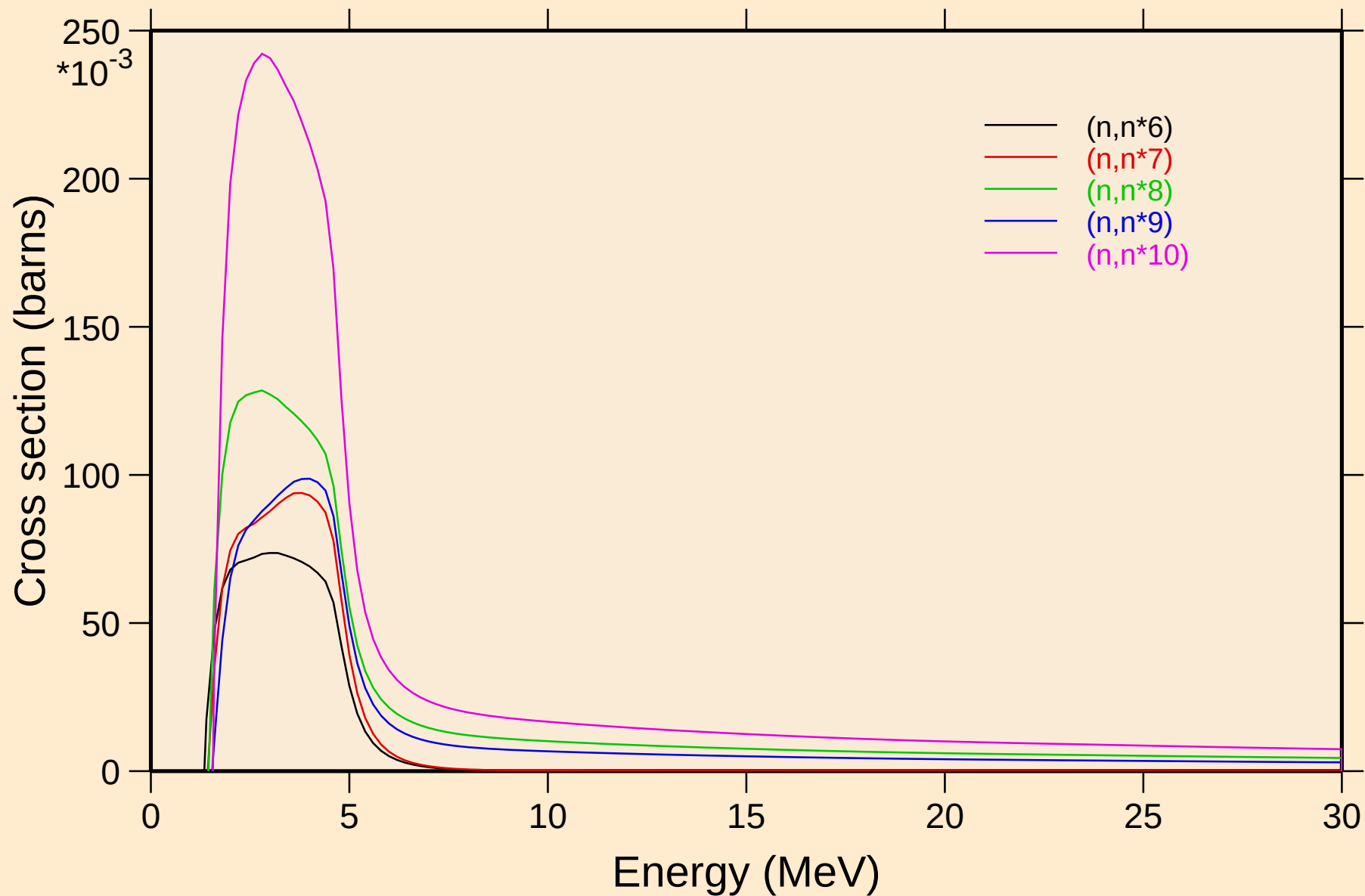


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

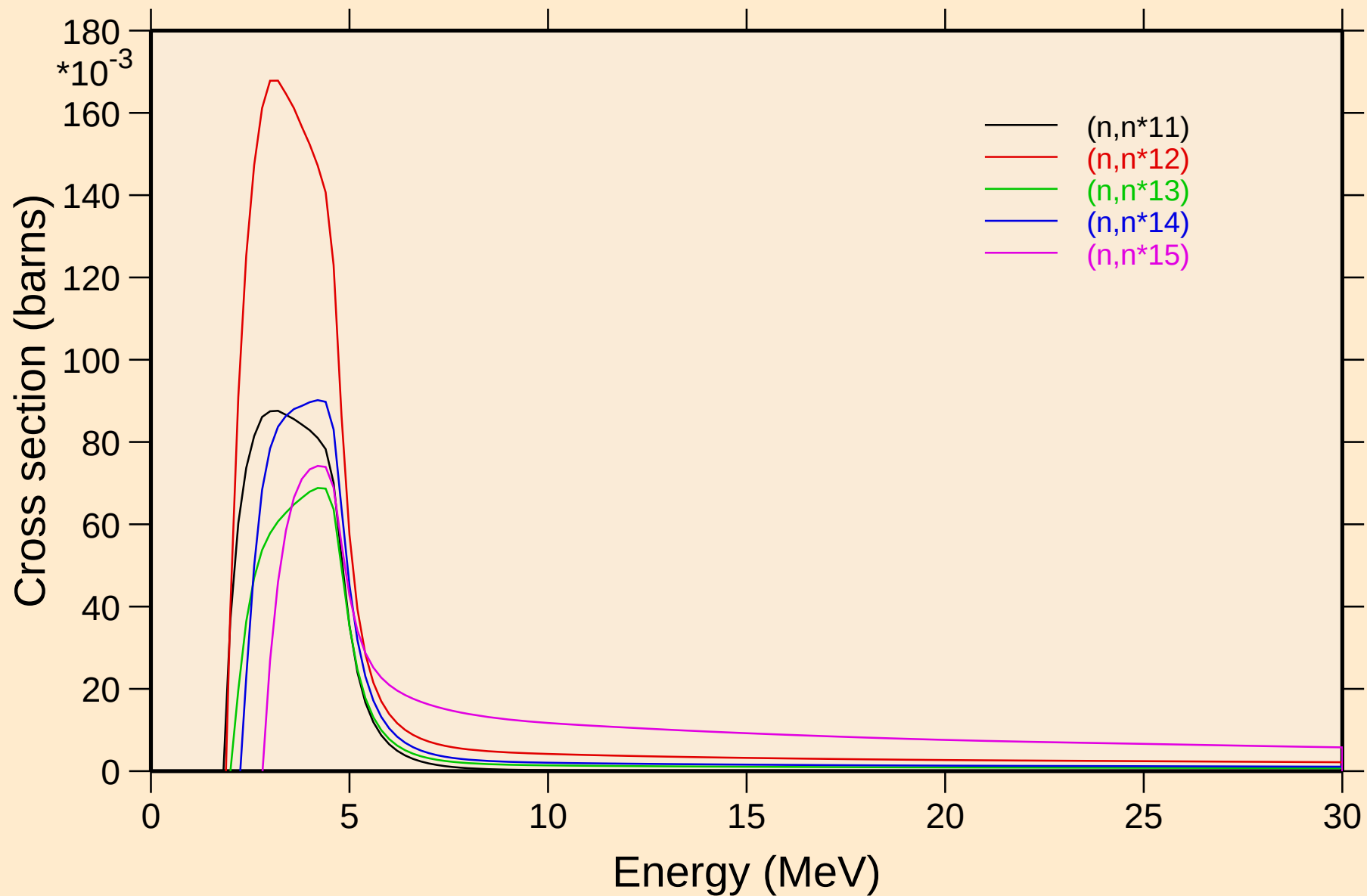


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



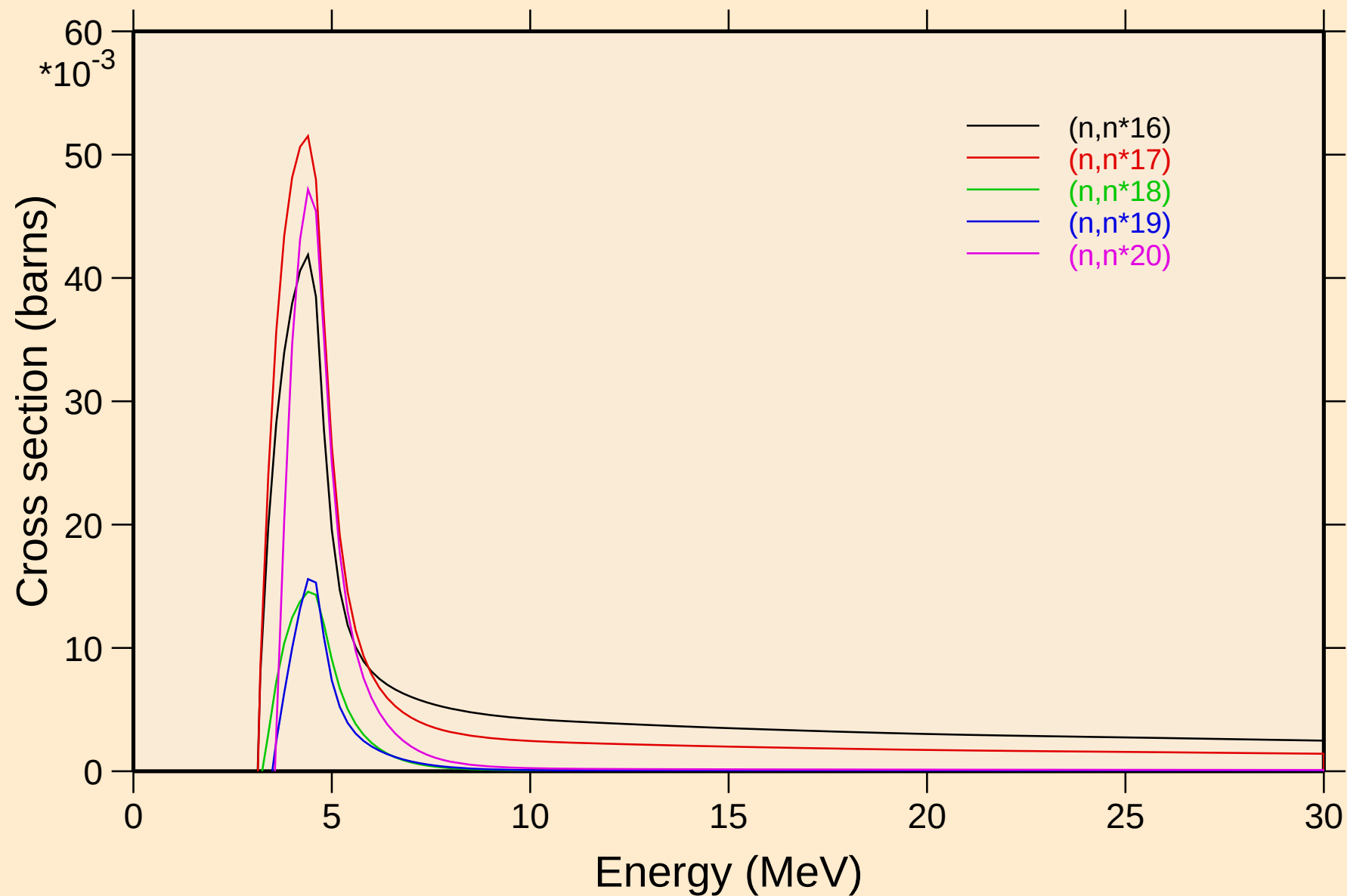
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



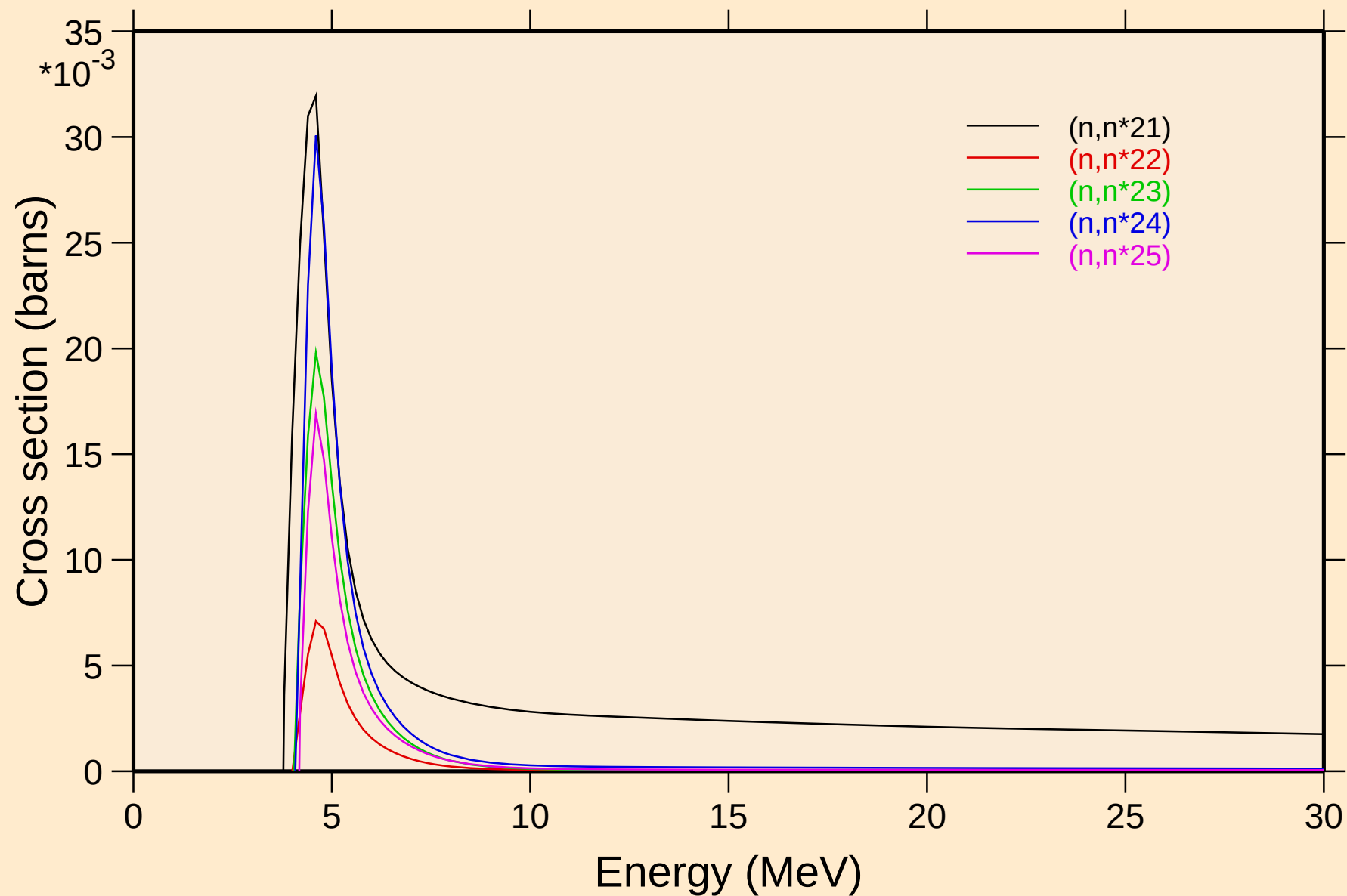
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



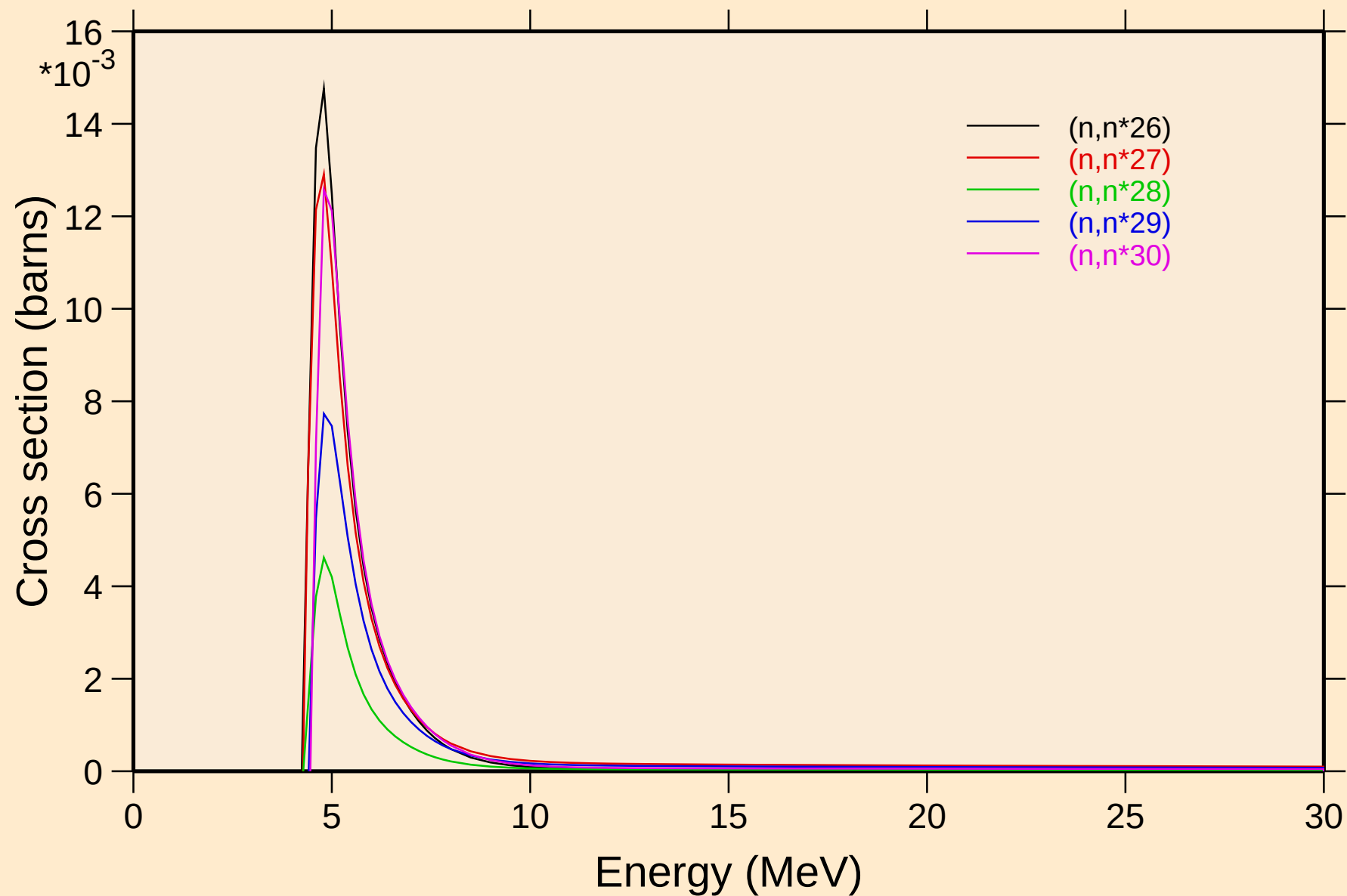
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



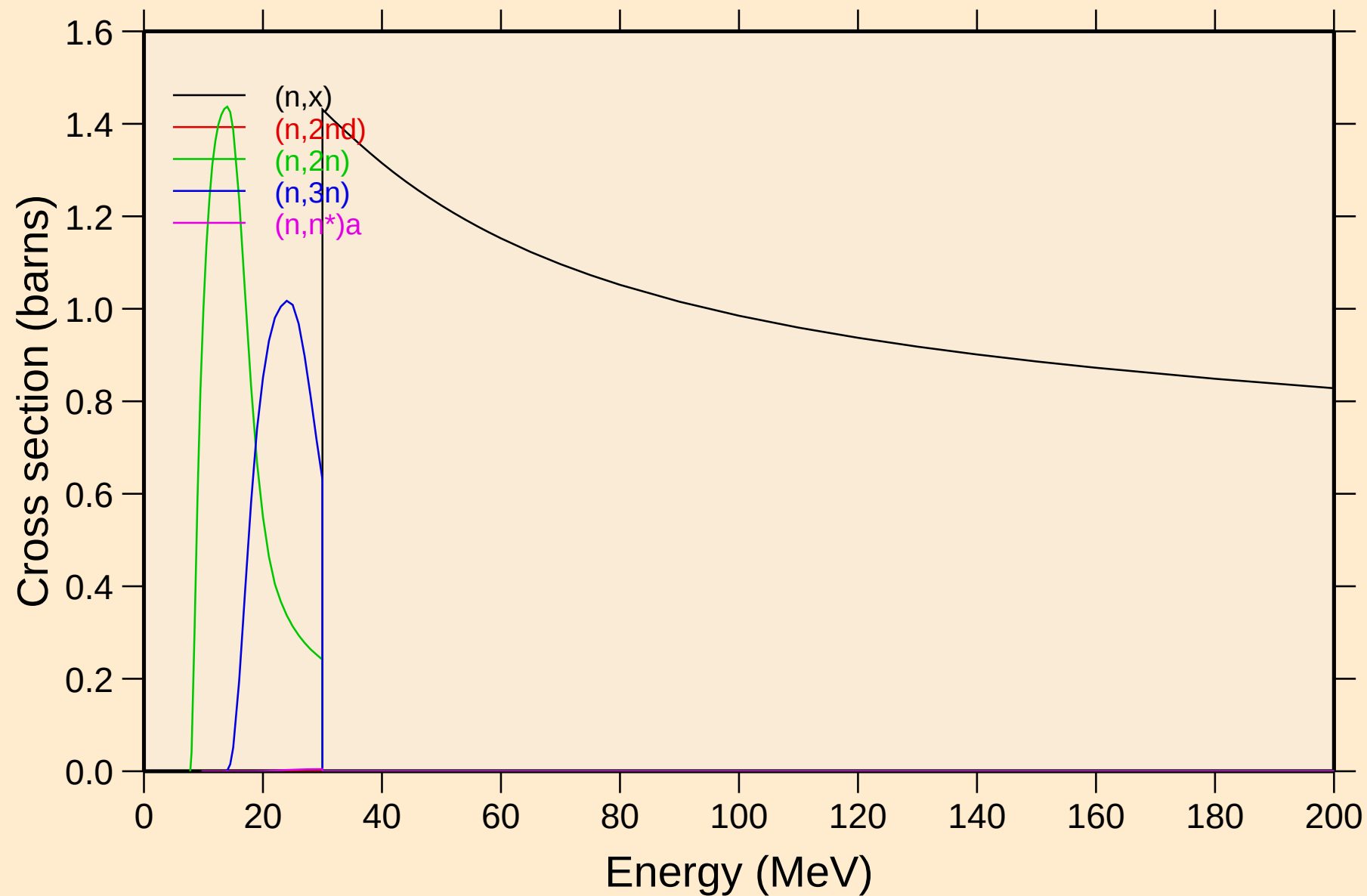
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



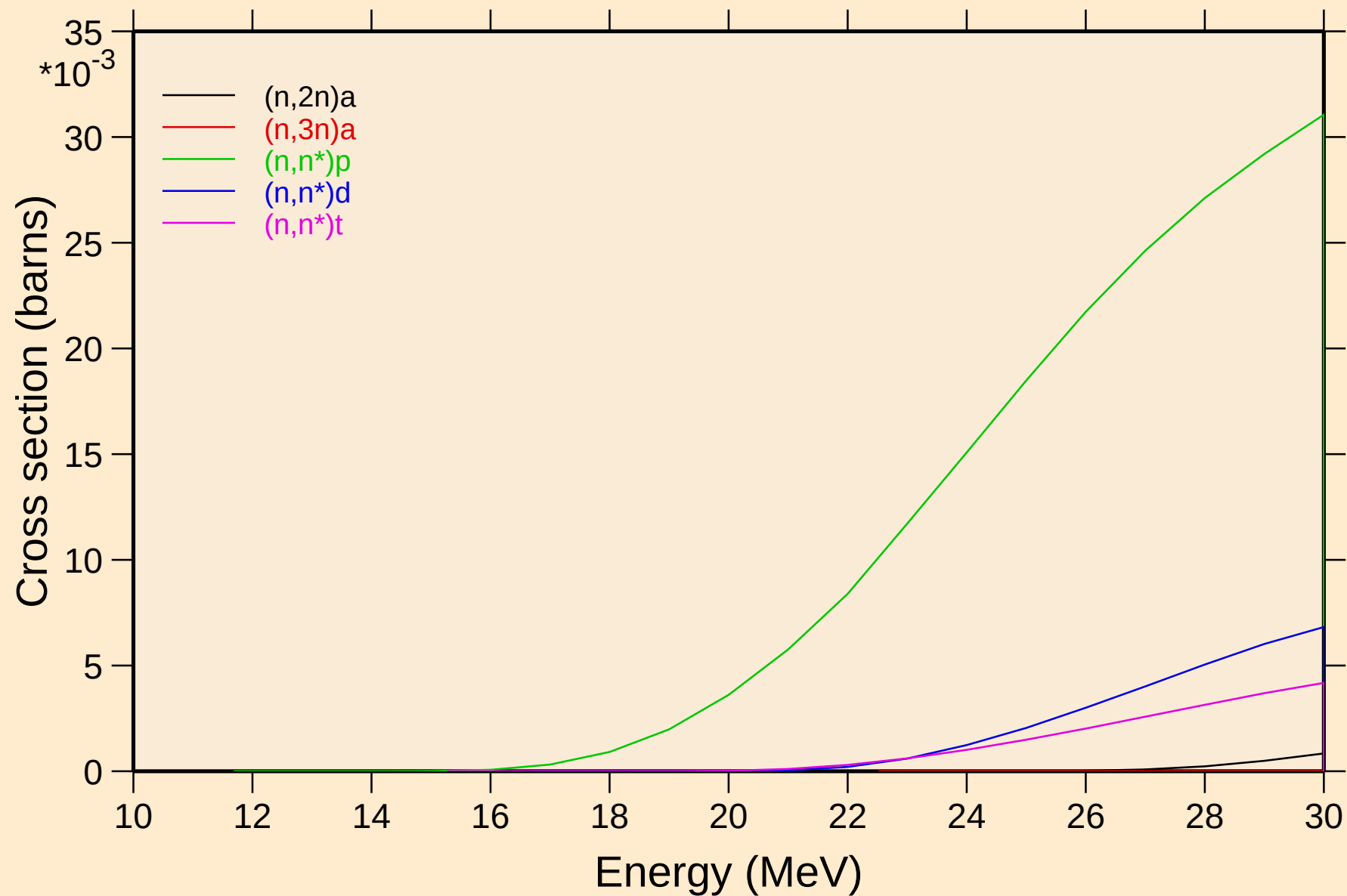
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



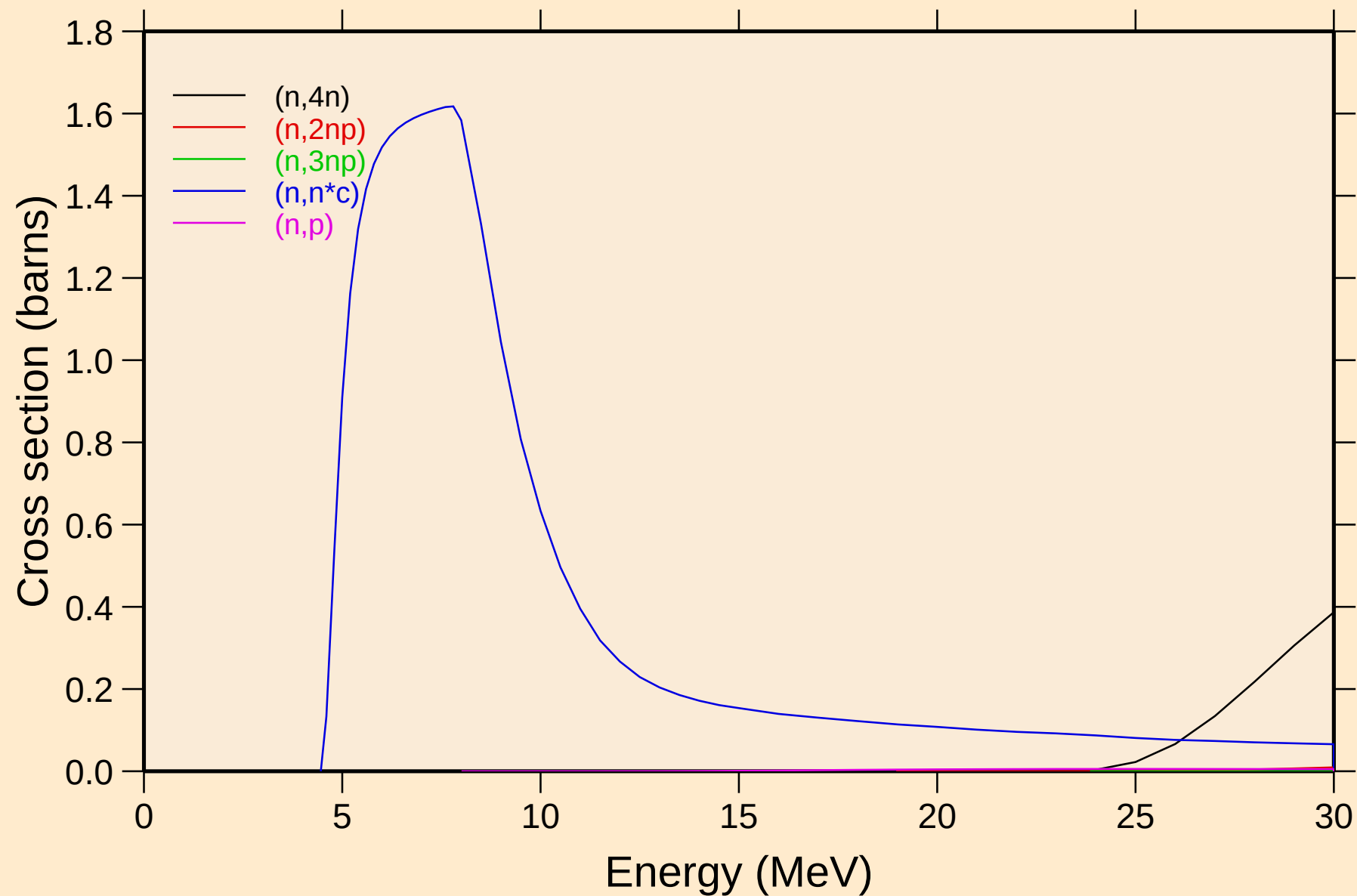
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



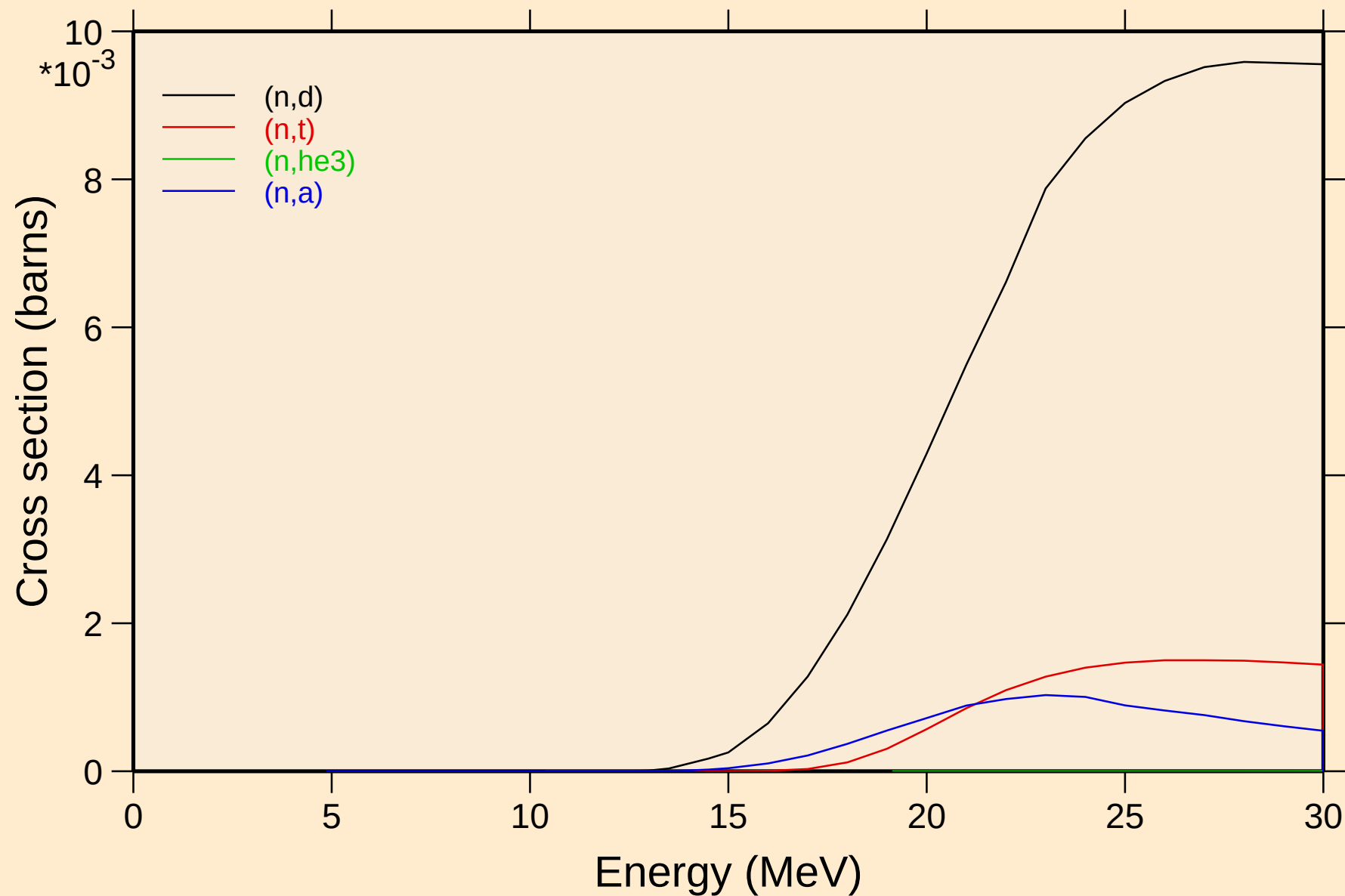
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



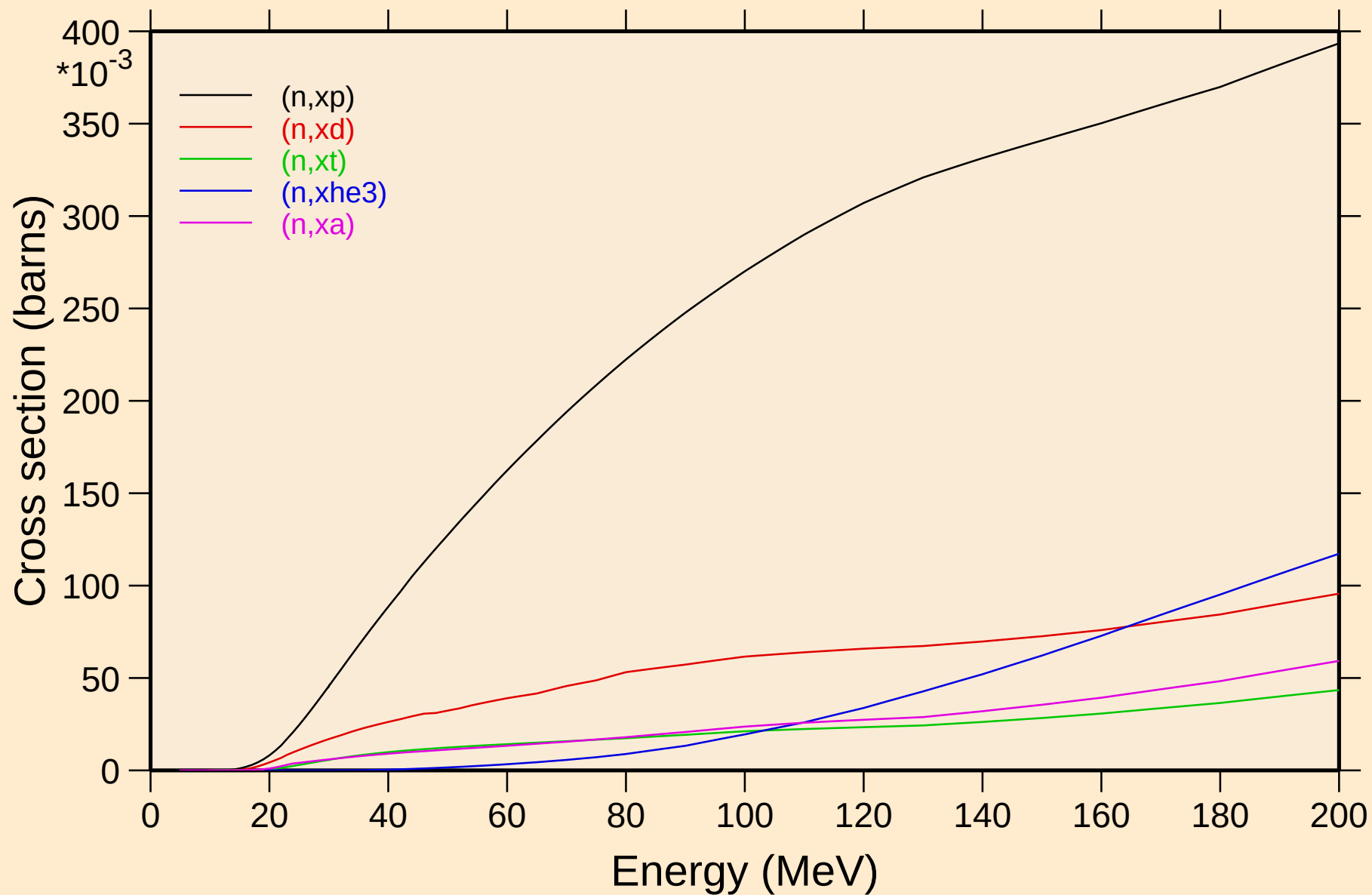
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

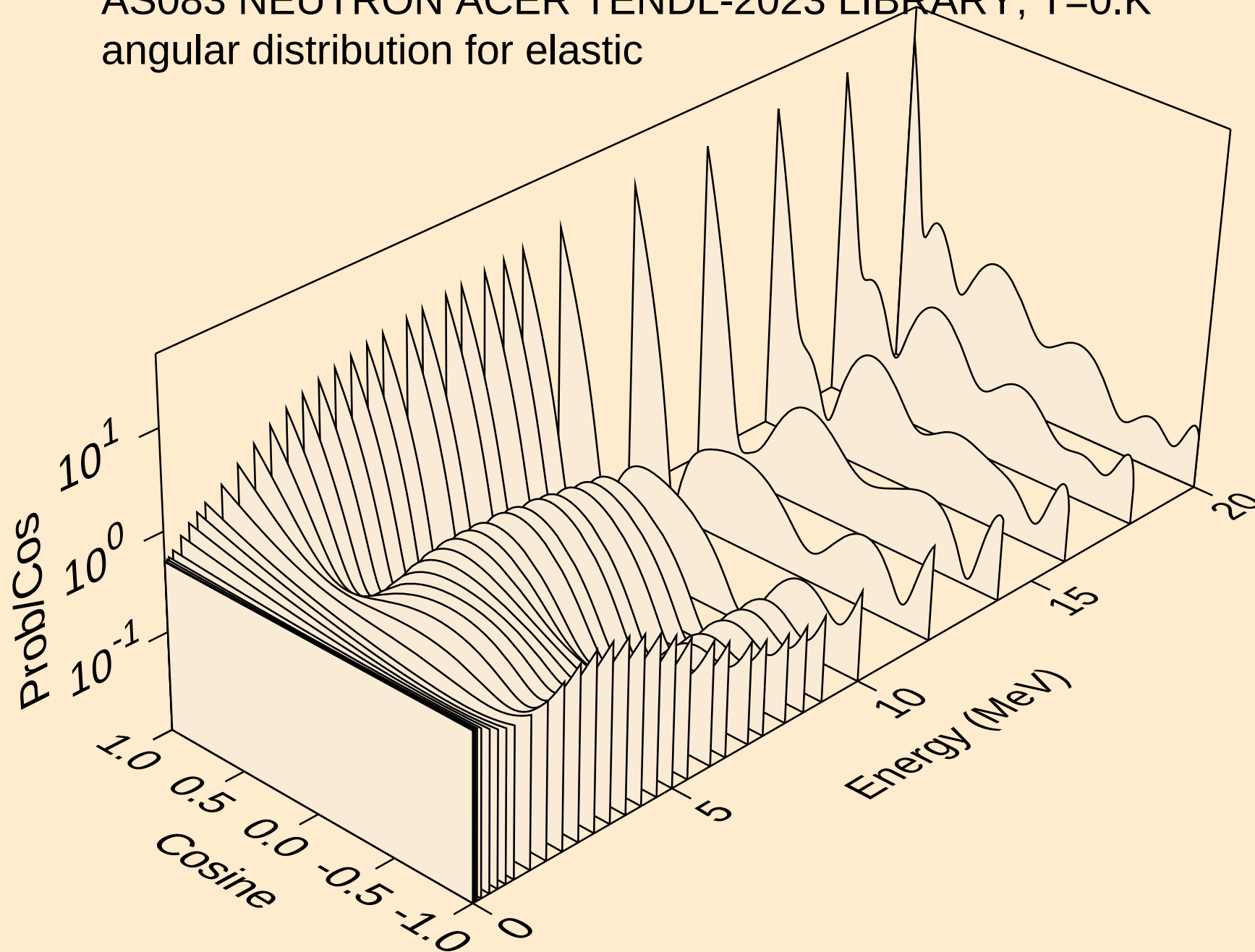


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

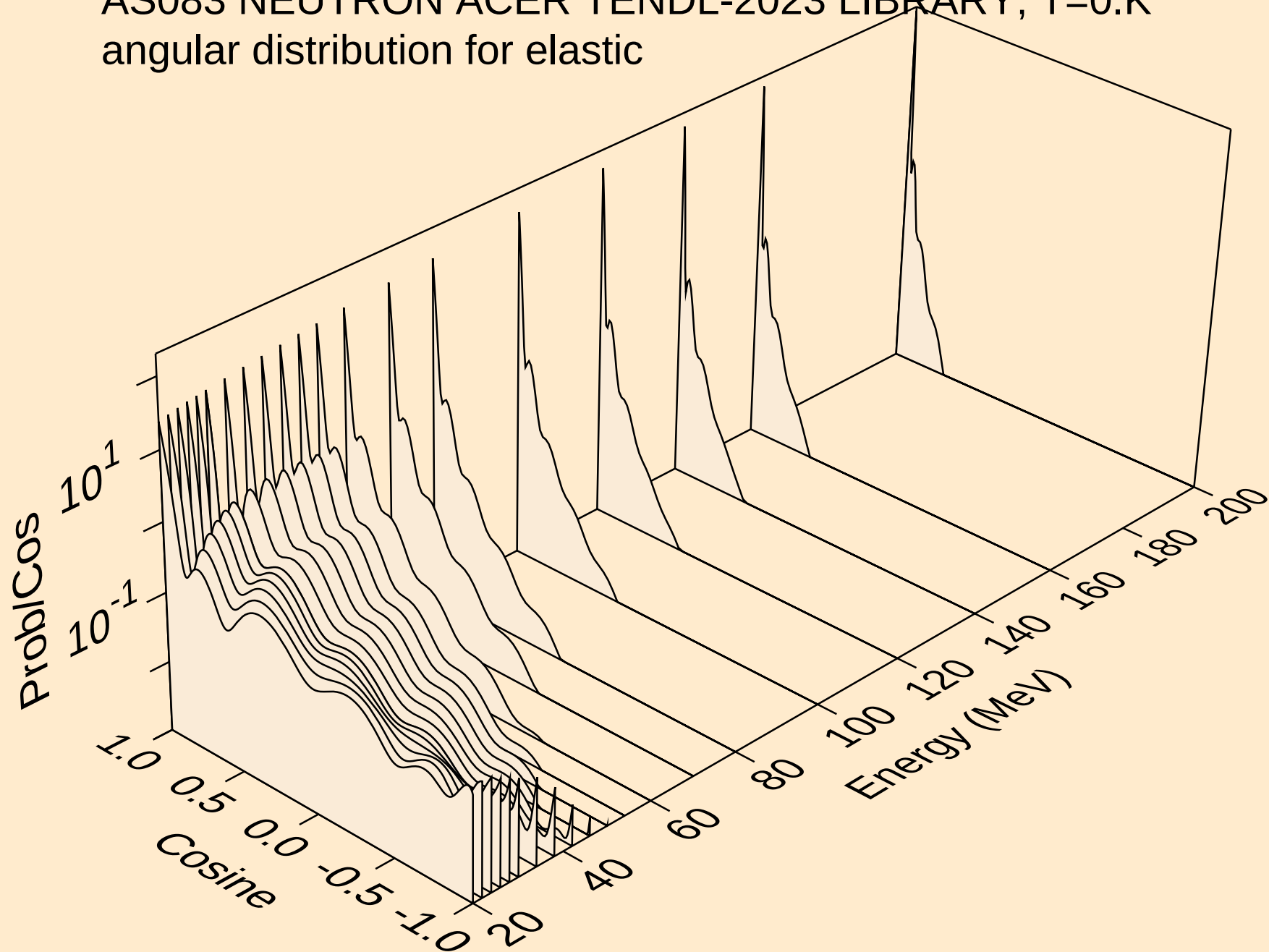
Threshold reactions



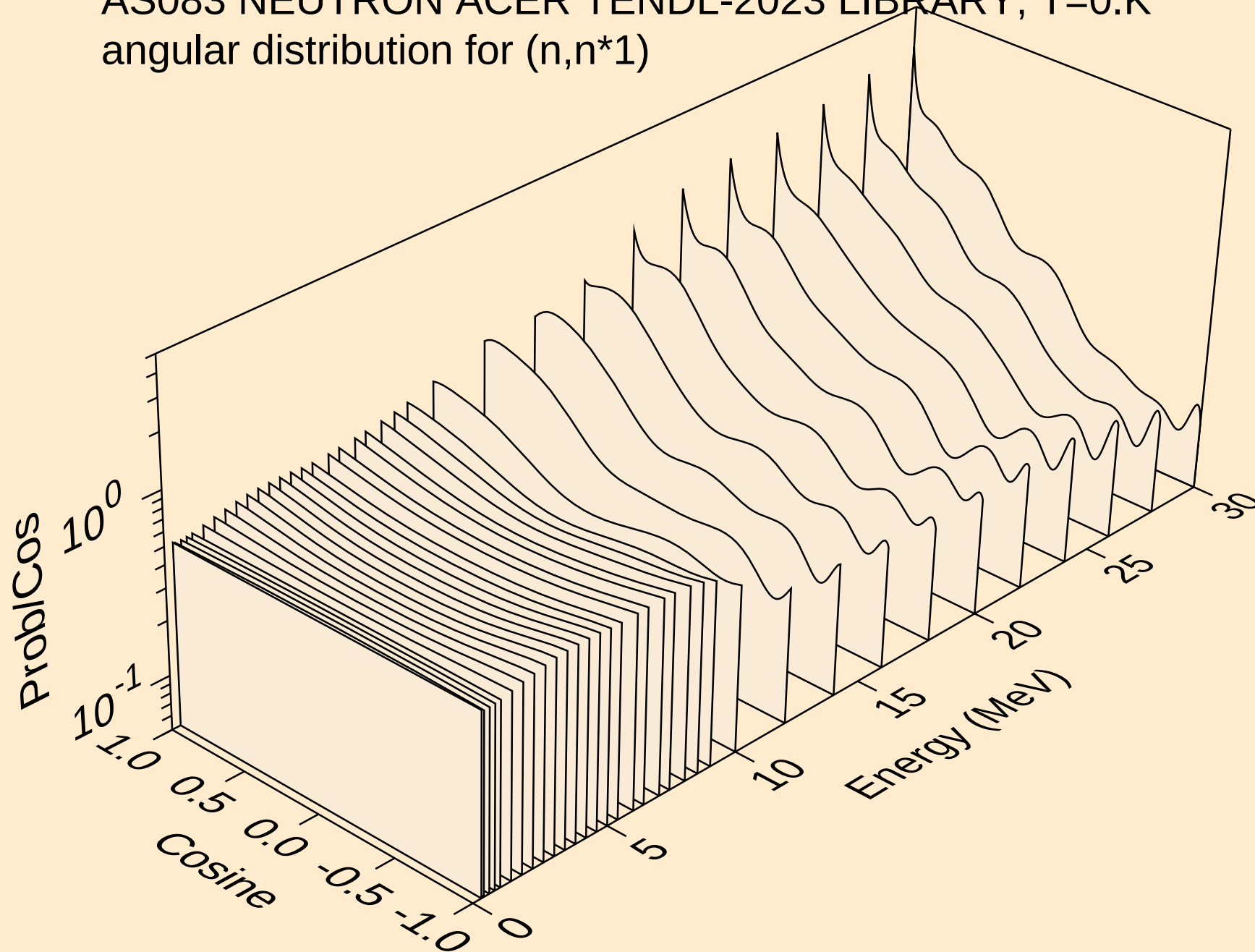
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



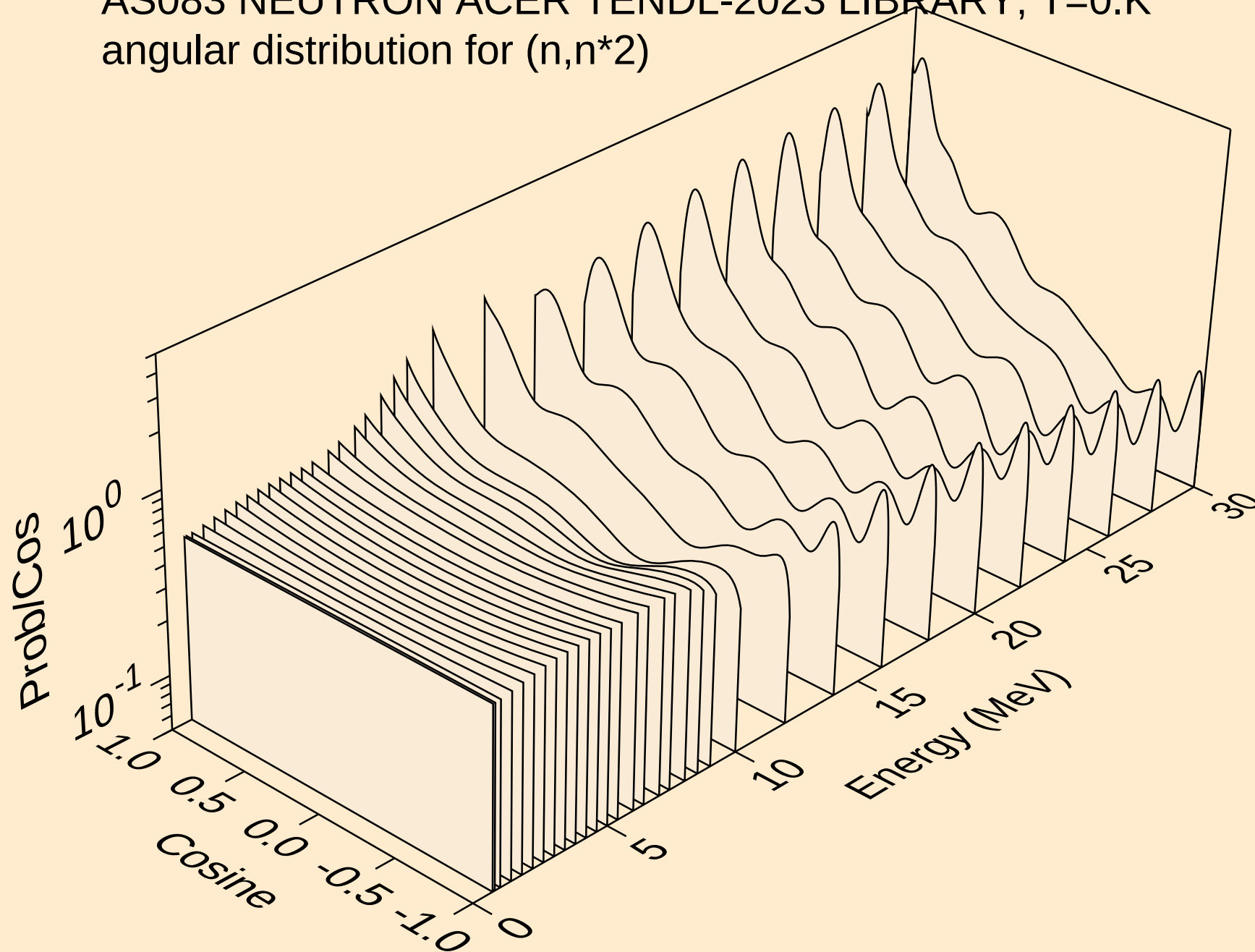
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



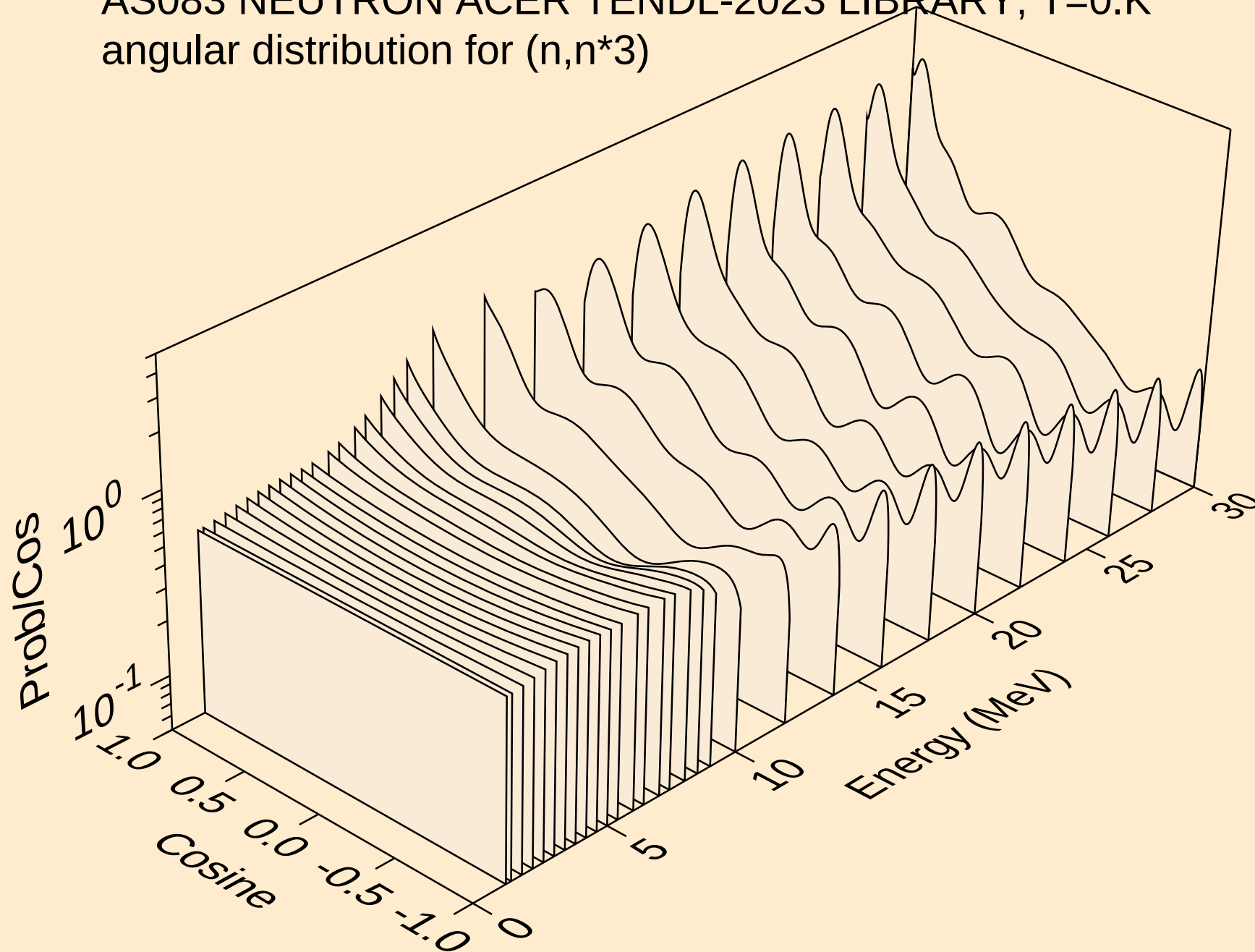
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



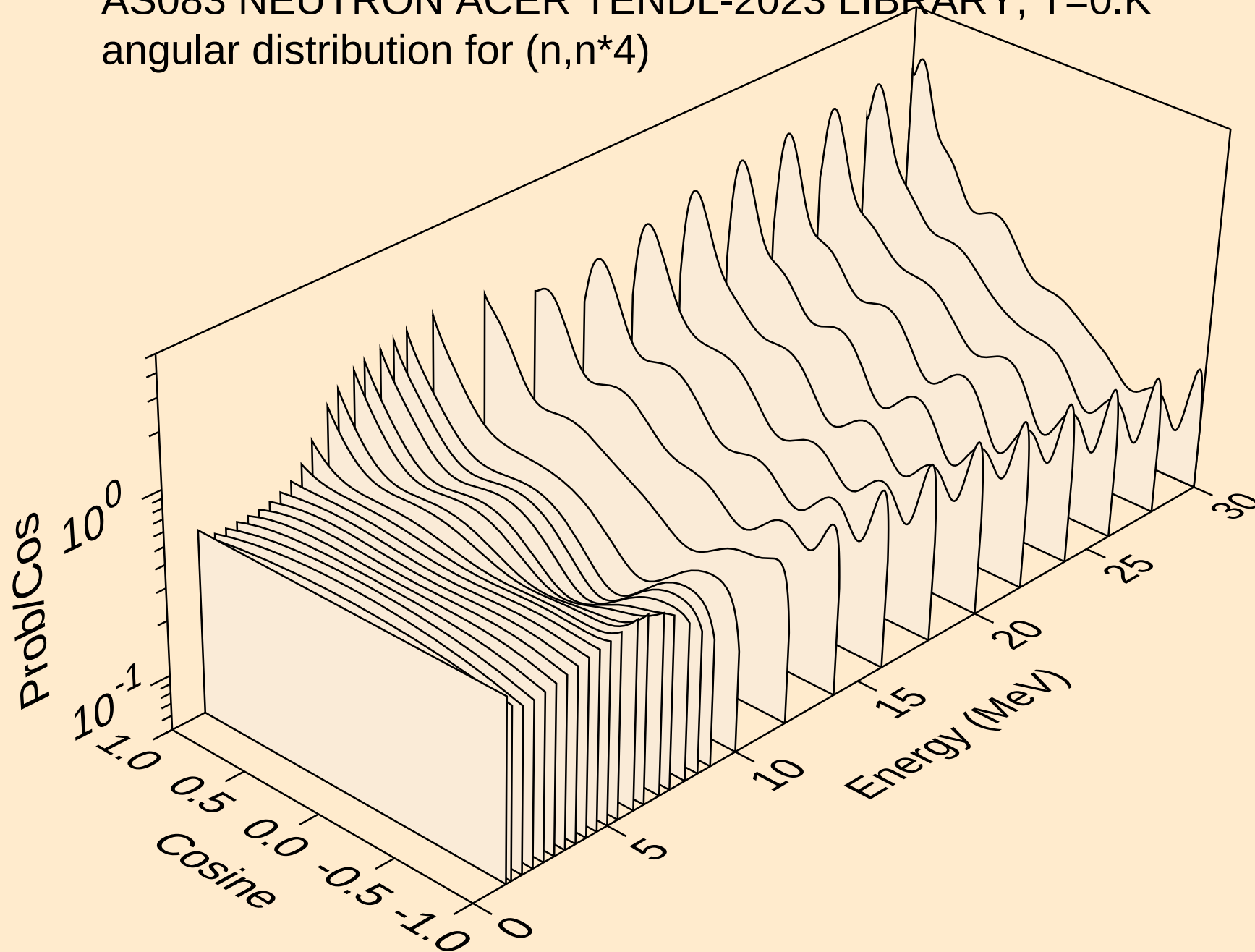
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



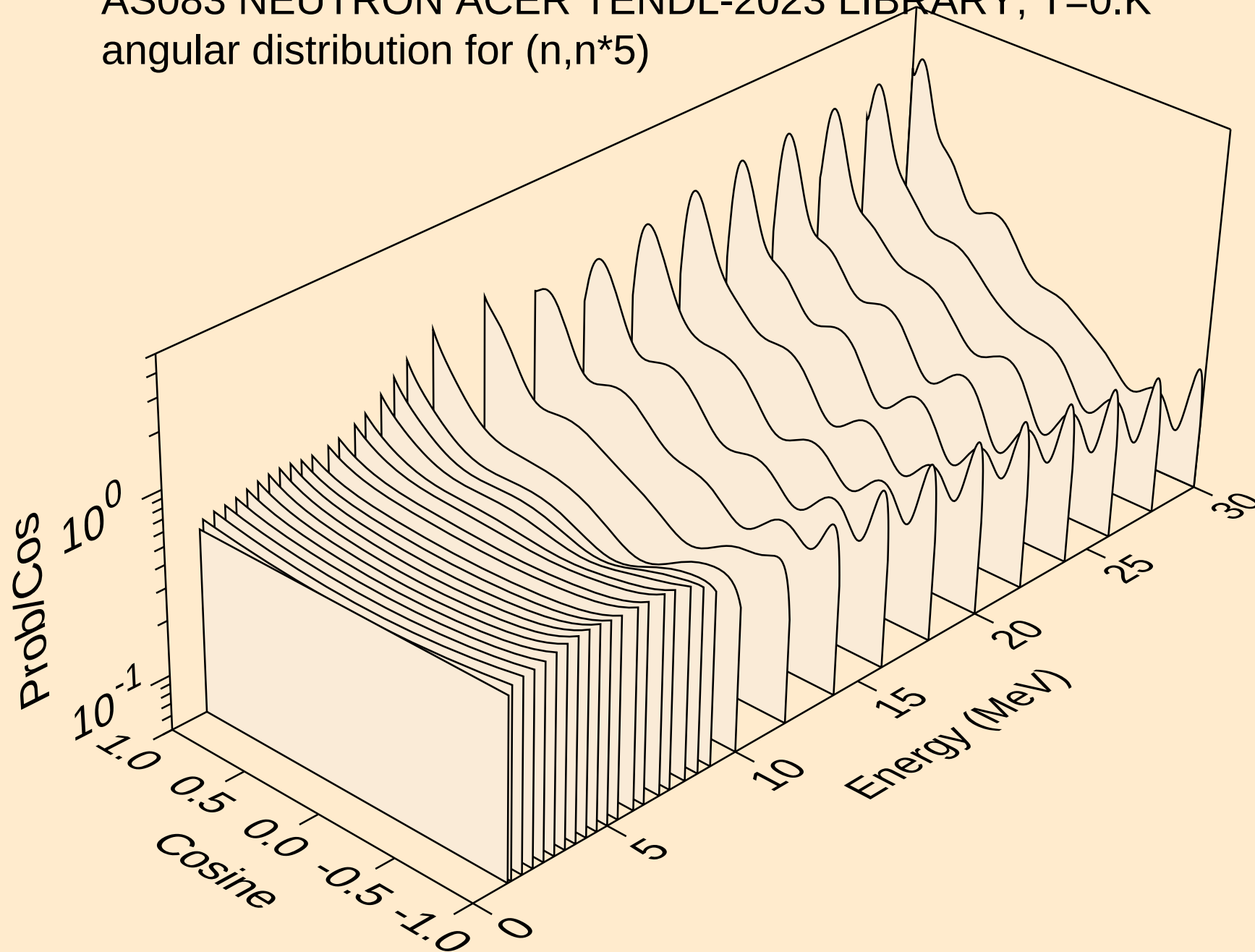
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



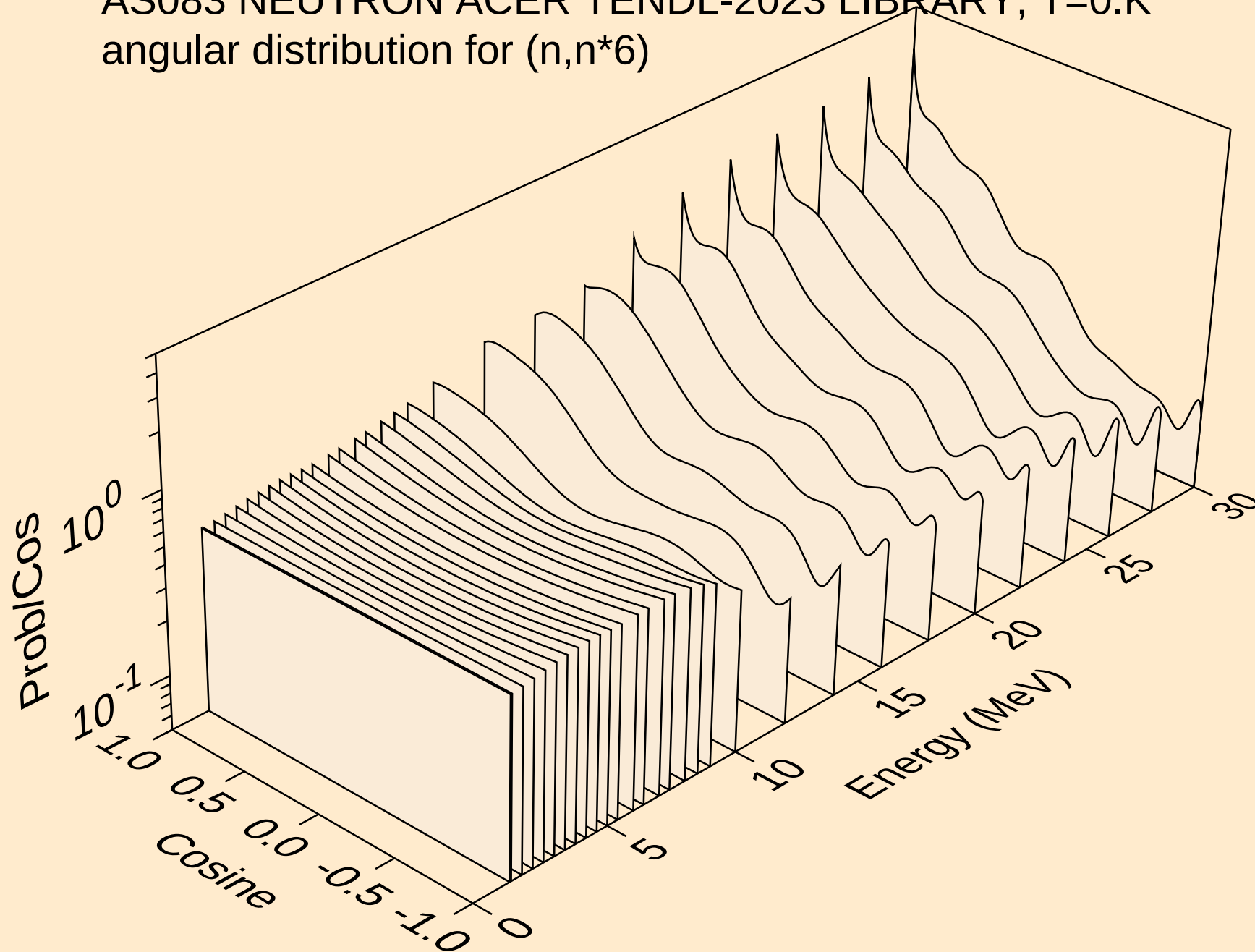
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



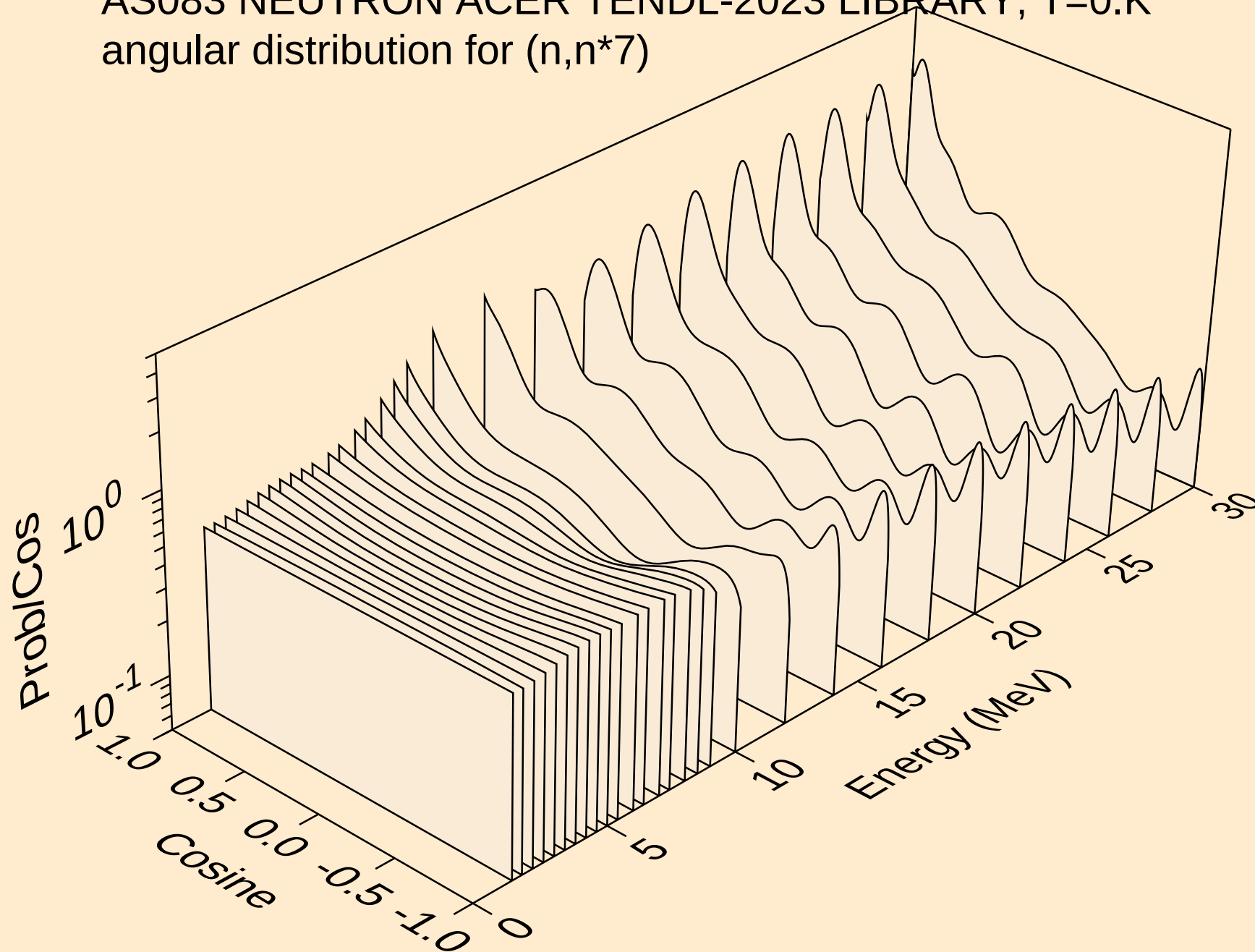
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



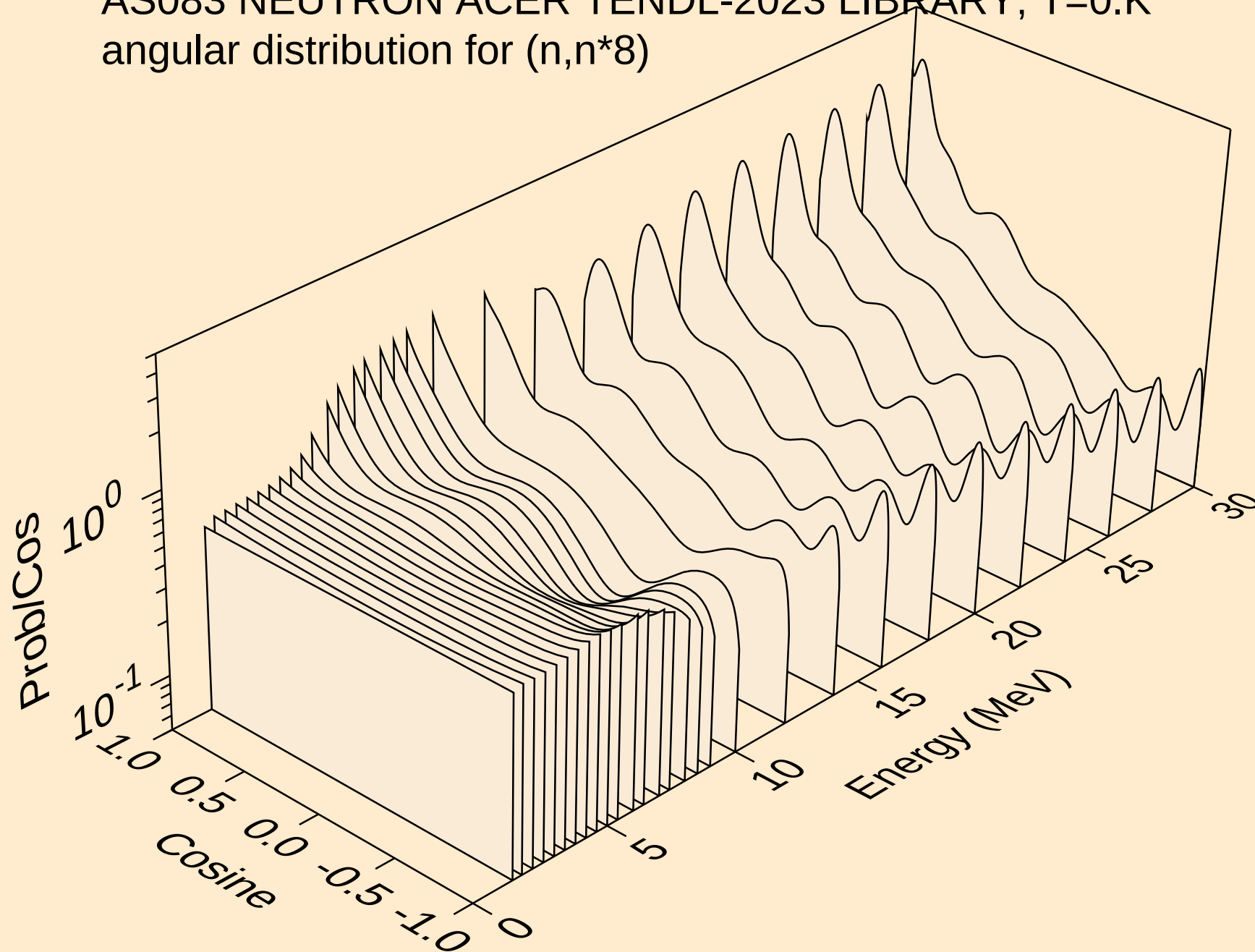
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



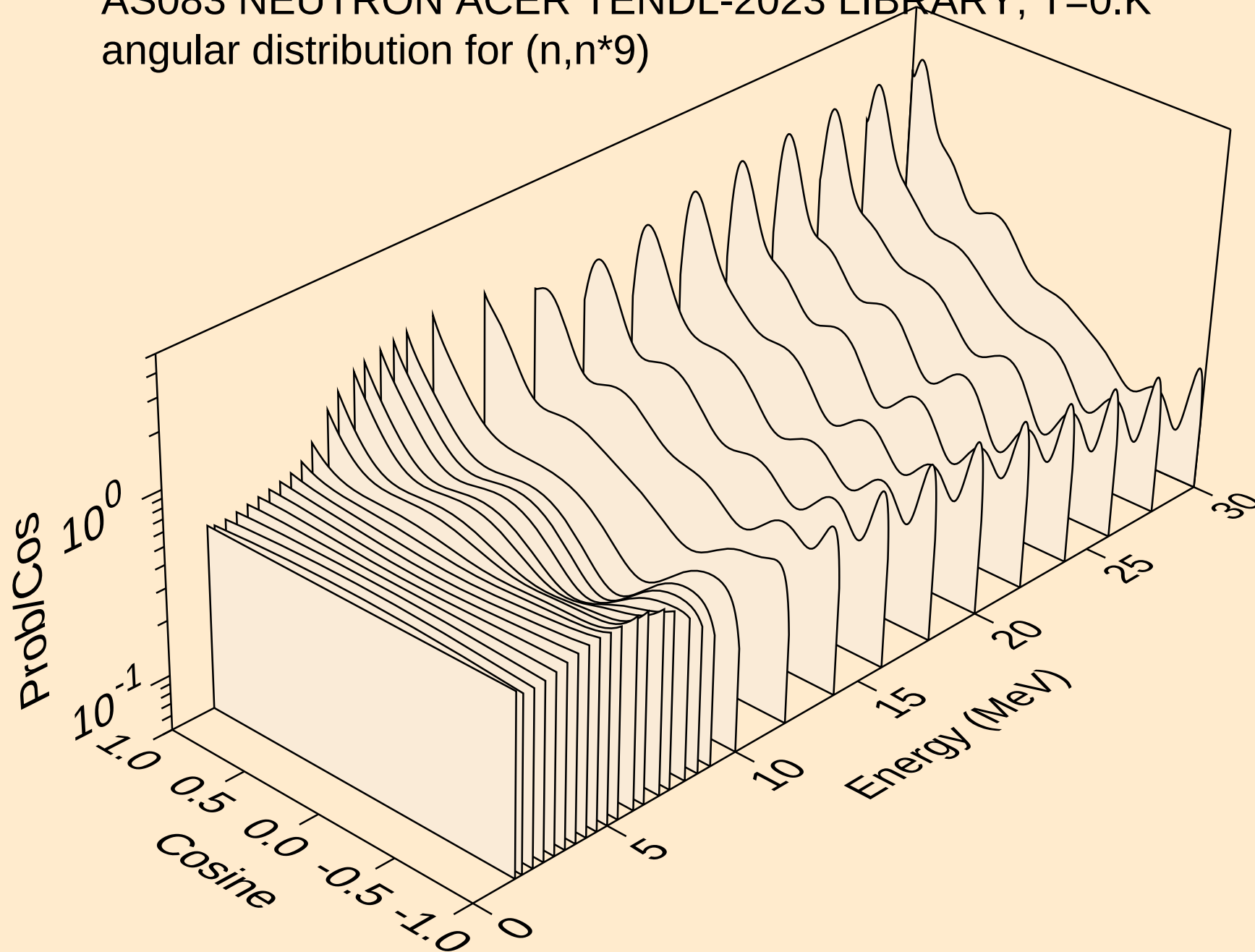
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



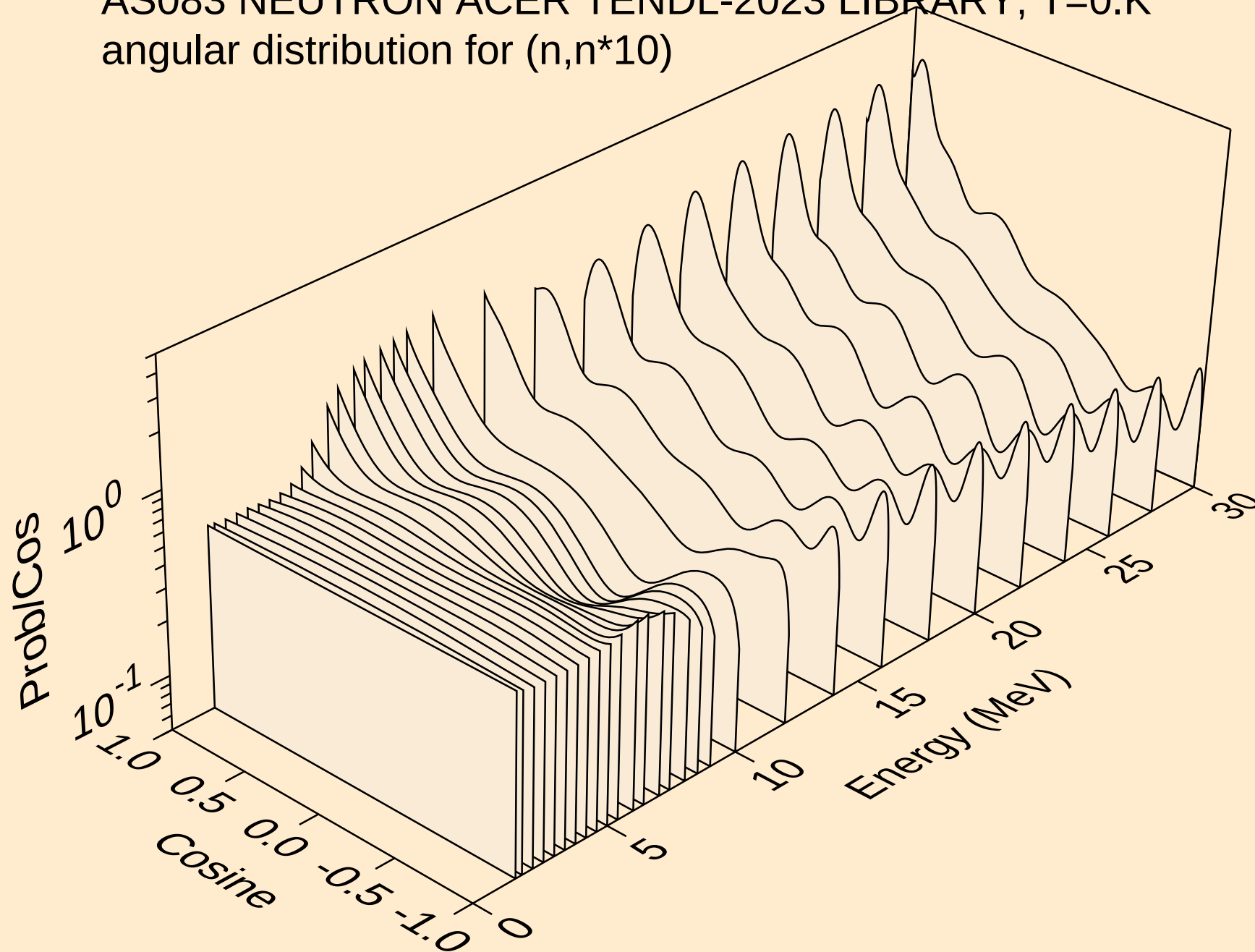
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



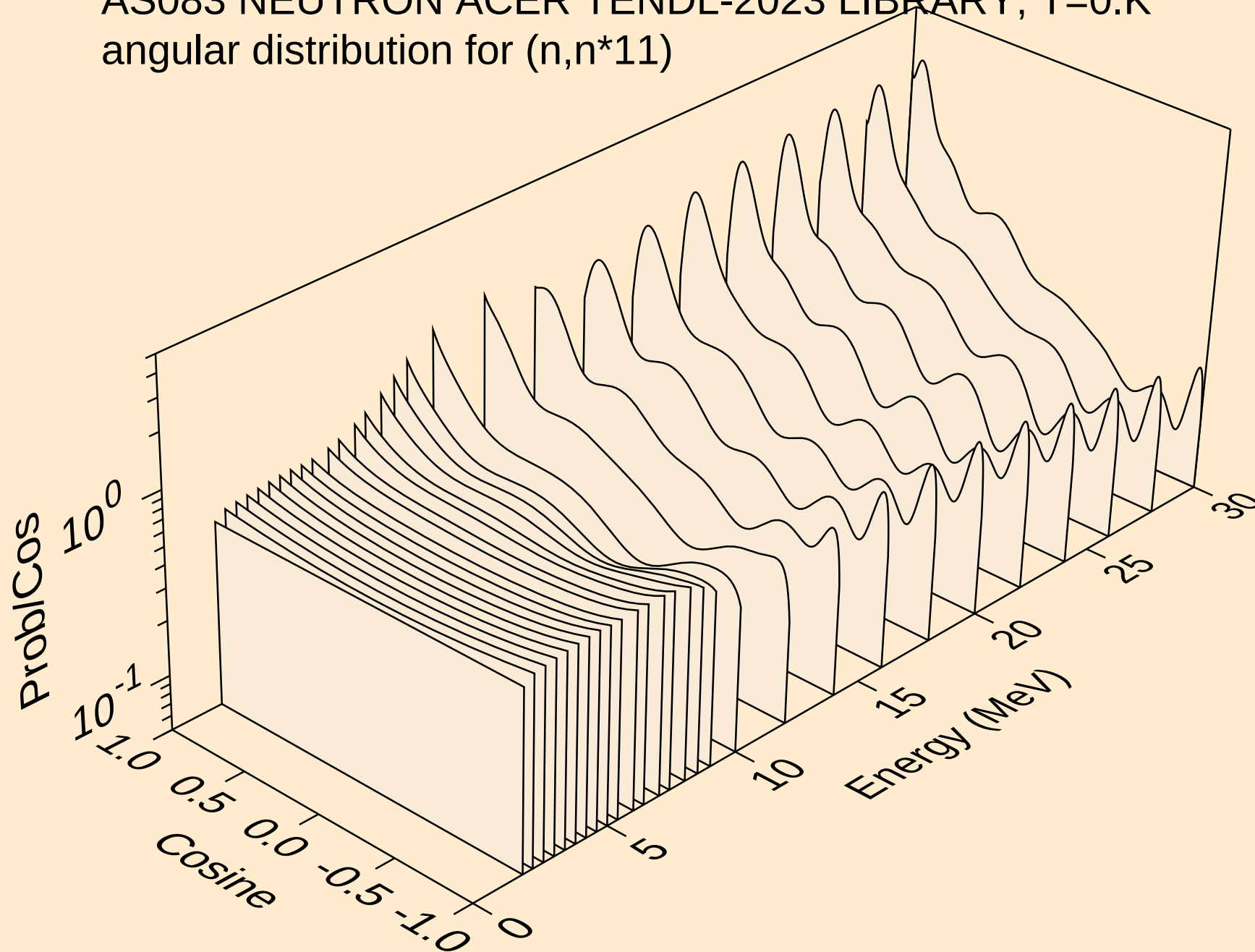
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angular distribution for (n,n*9)



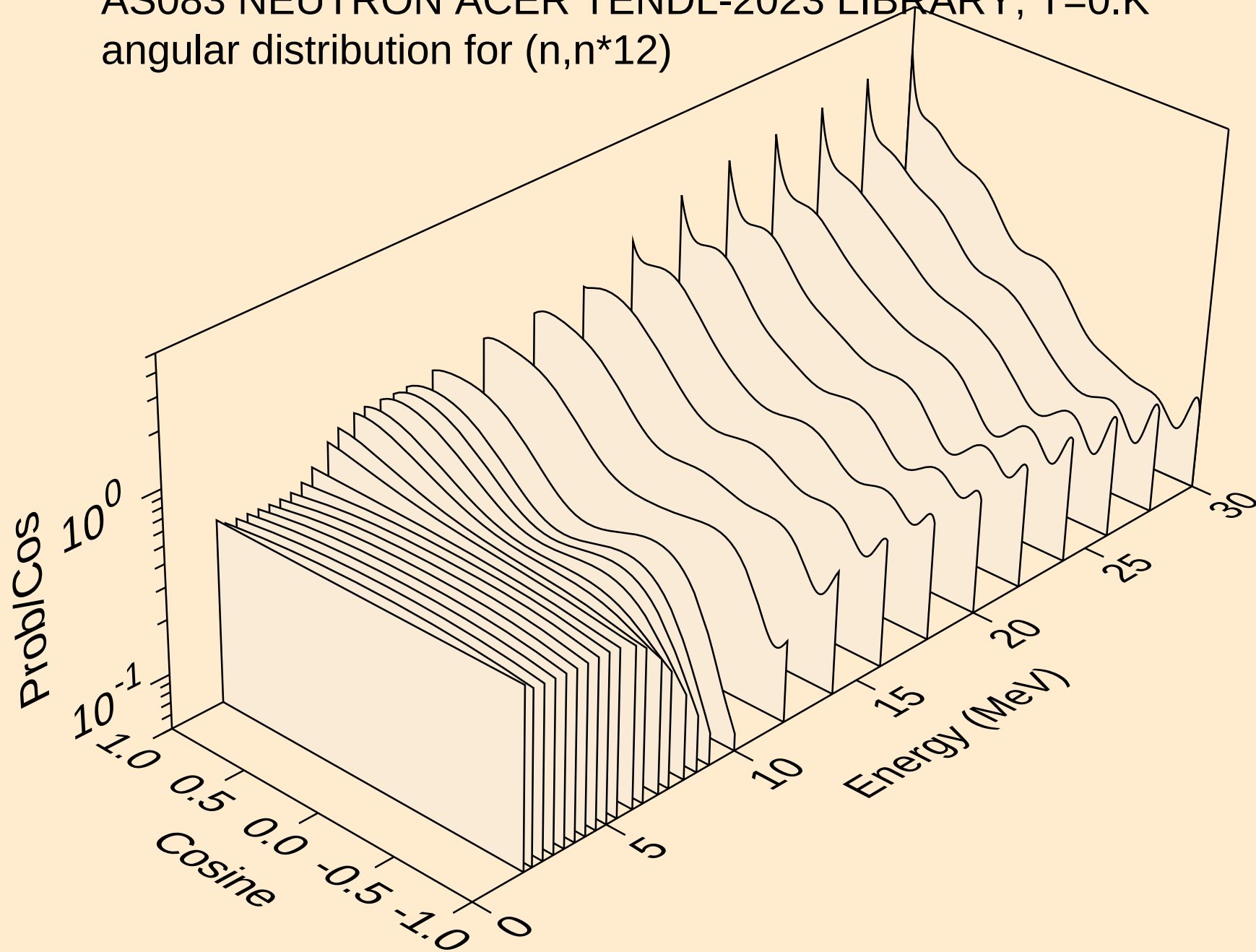
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angular distribution for (n,n*10)



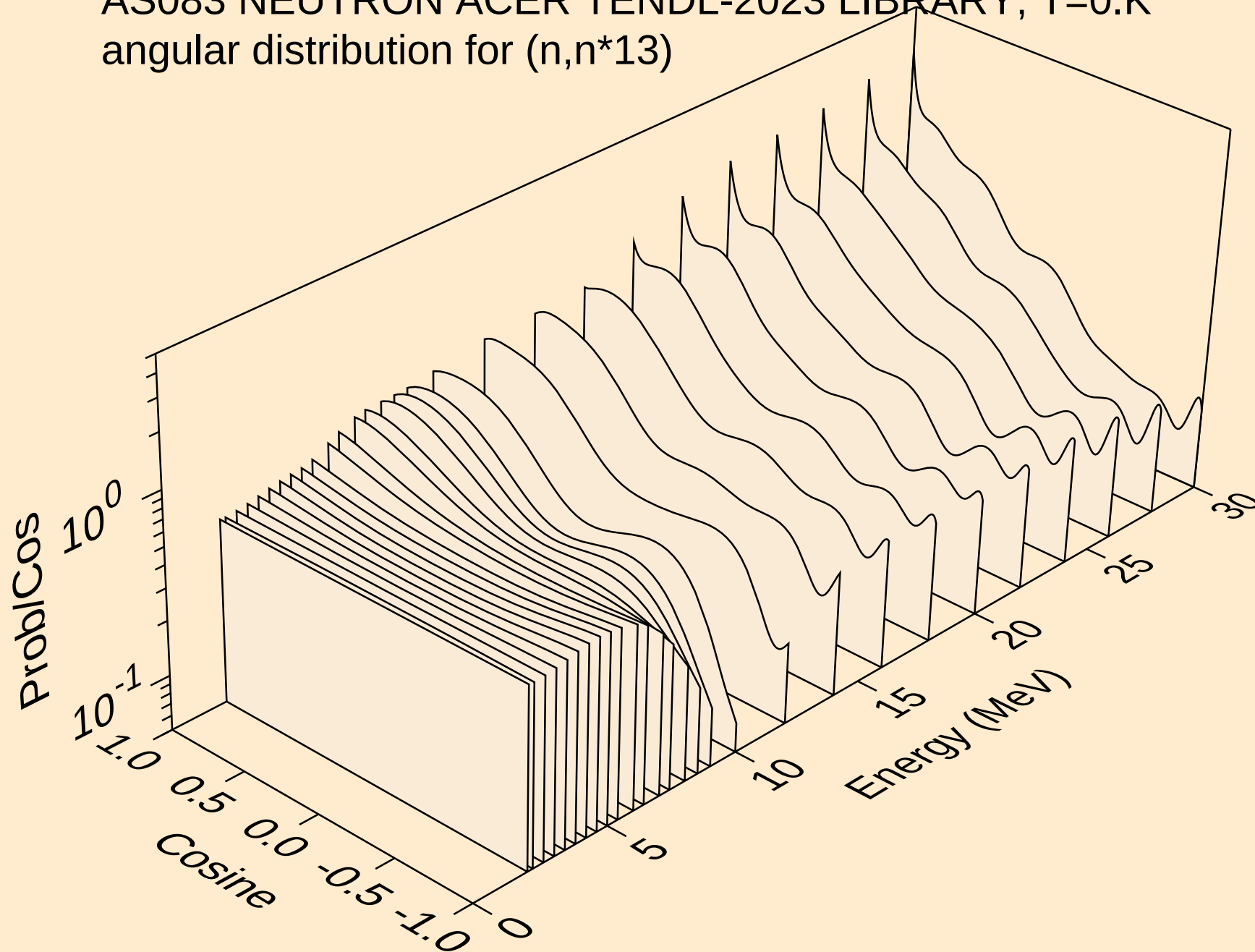
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



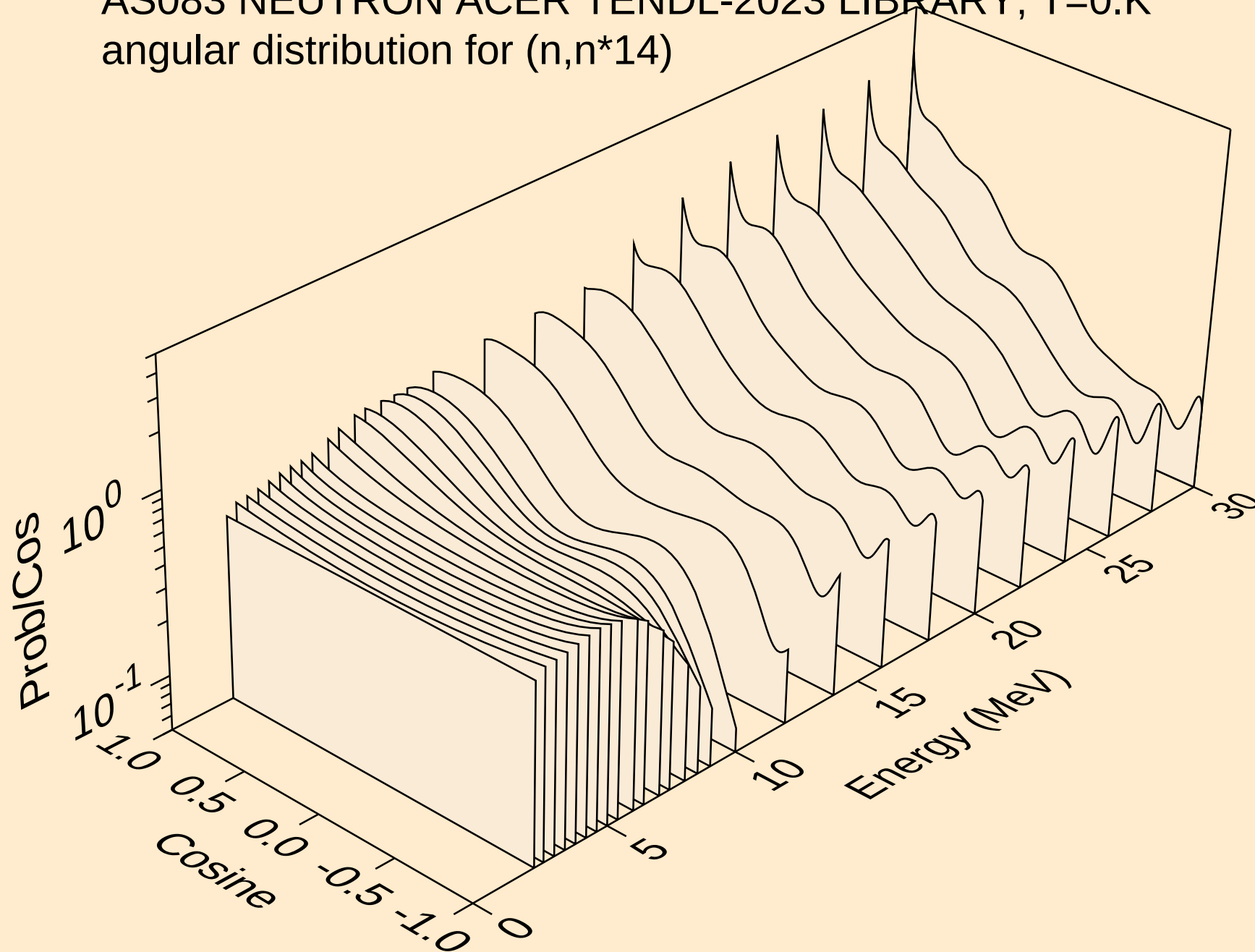
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angular distribution for (n,n*12)



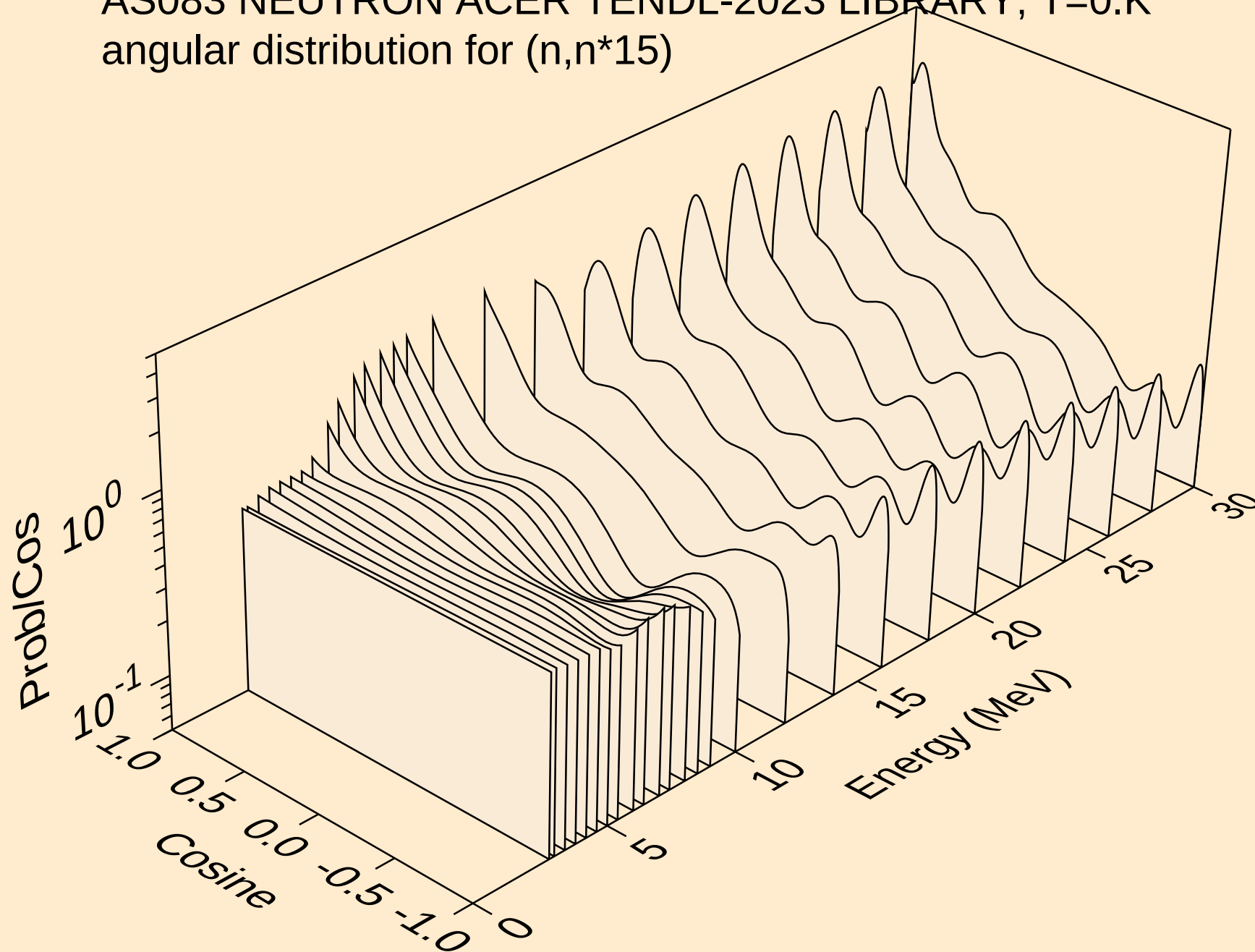
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



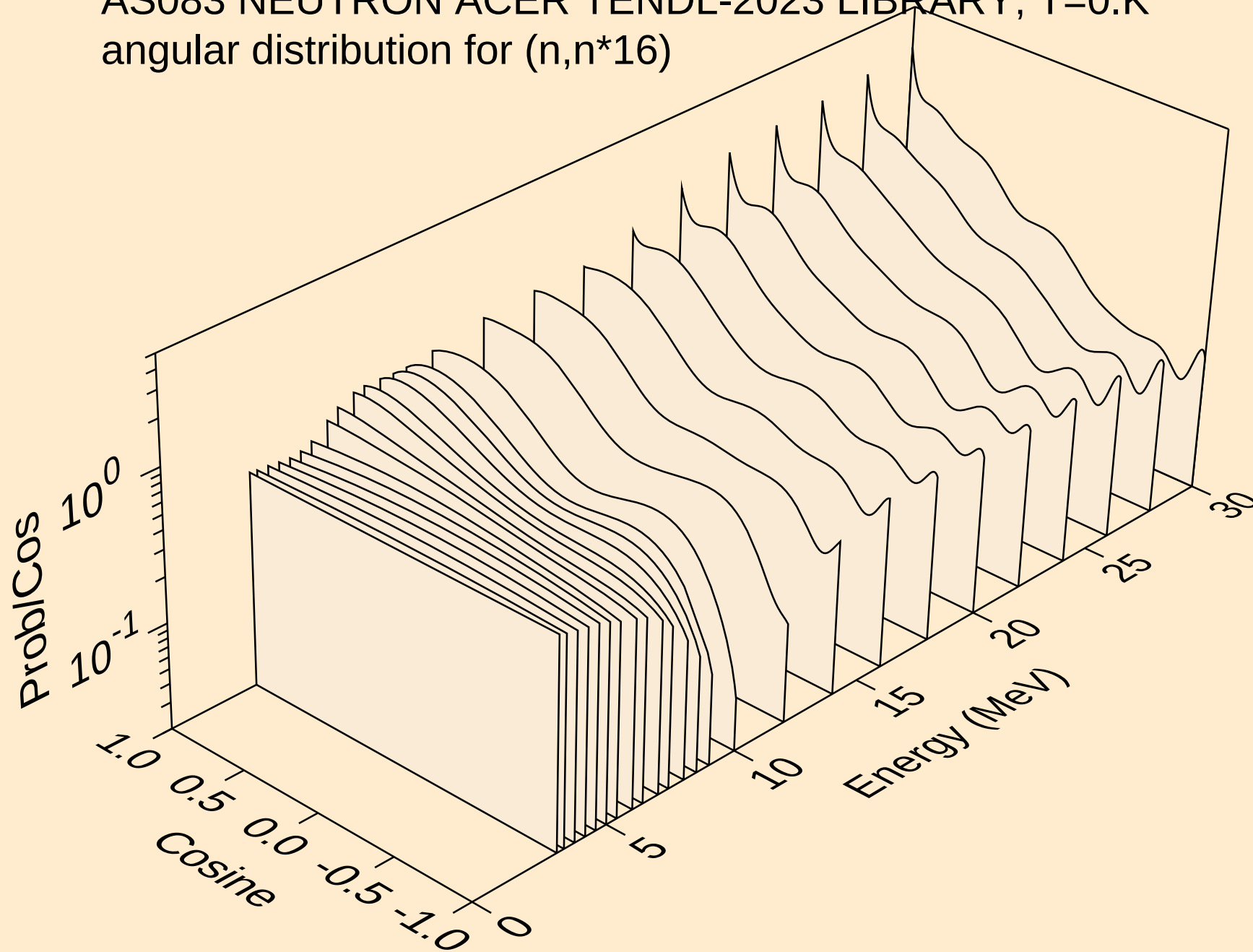
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



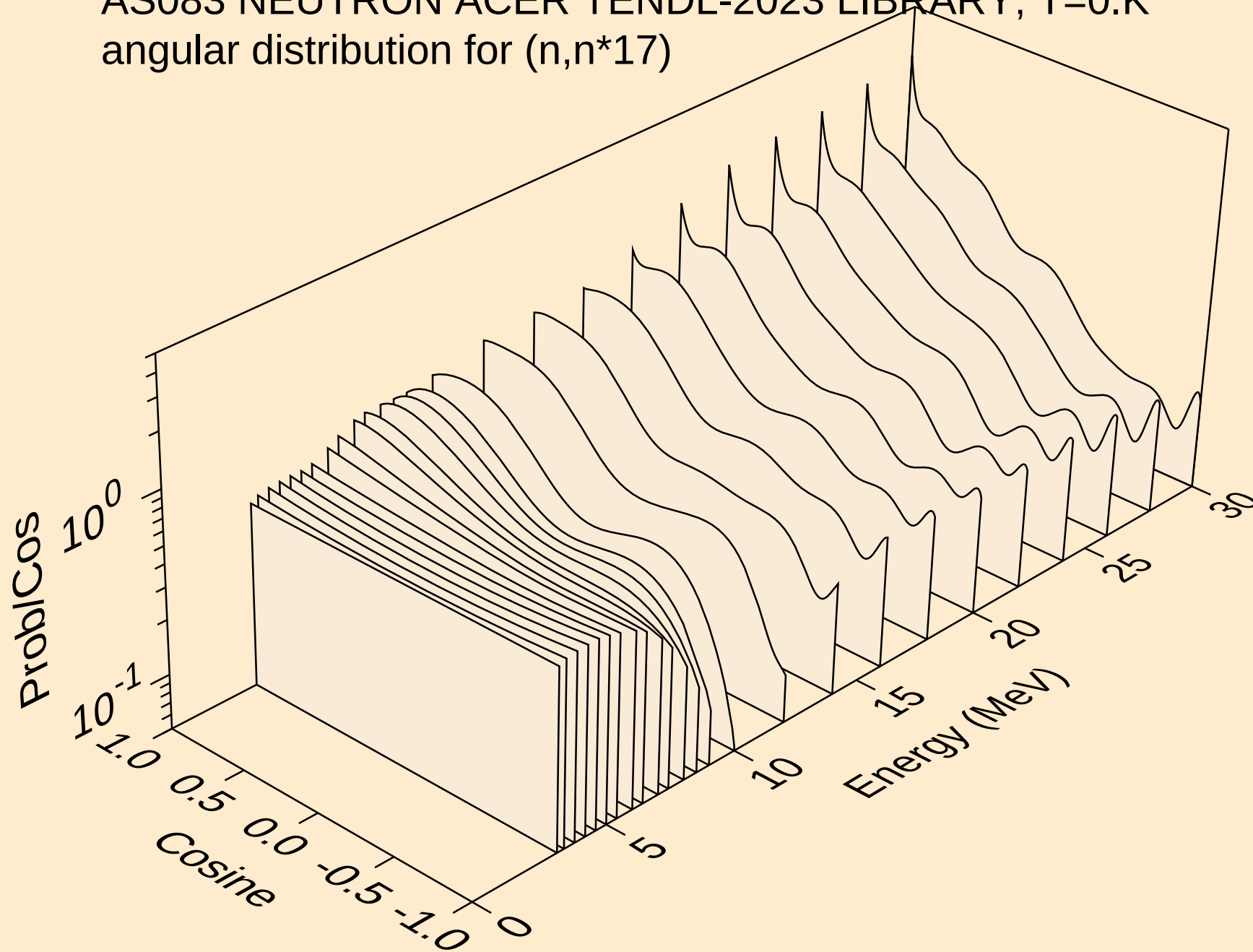
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



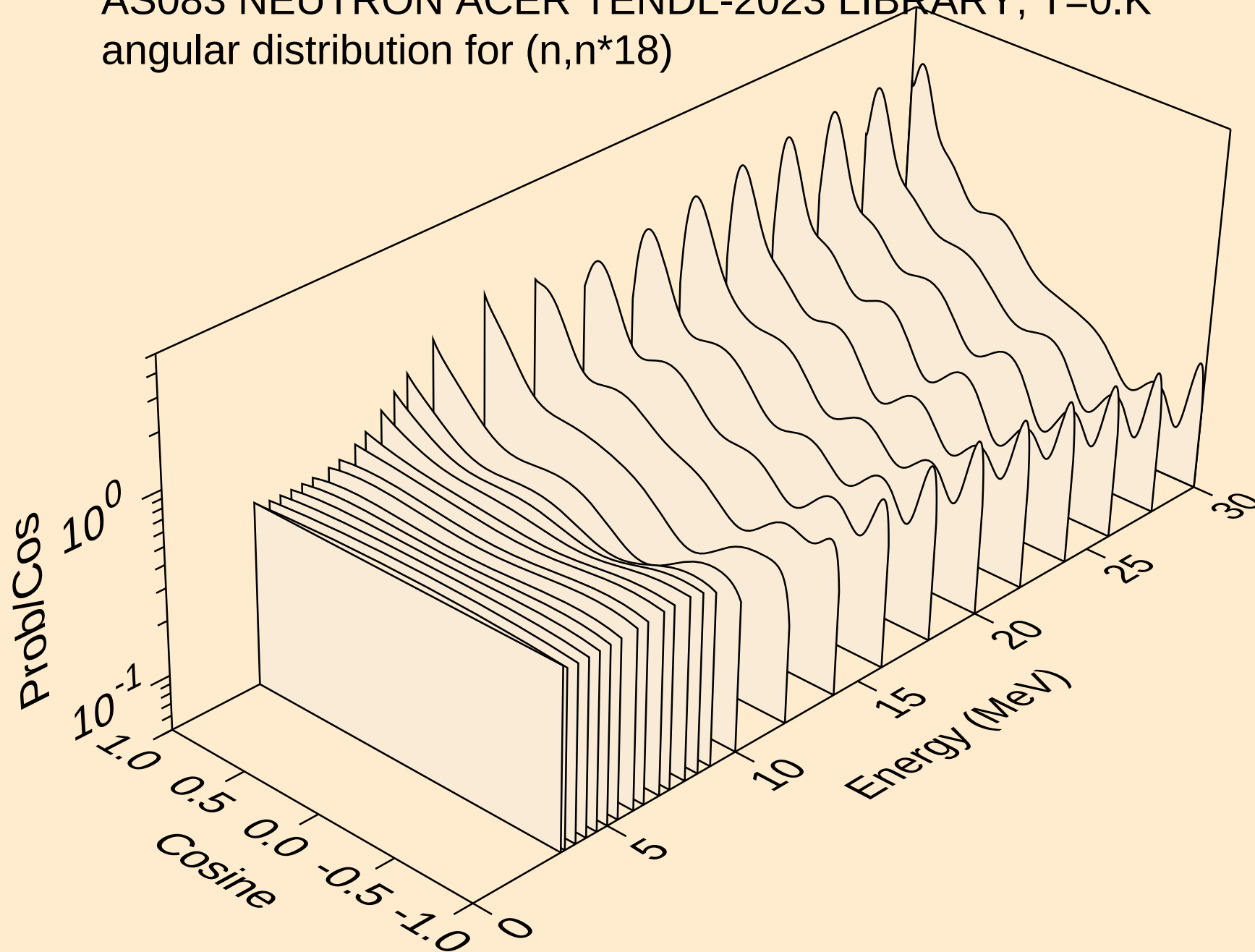
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angular distribution for (n,n*16)



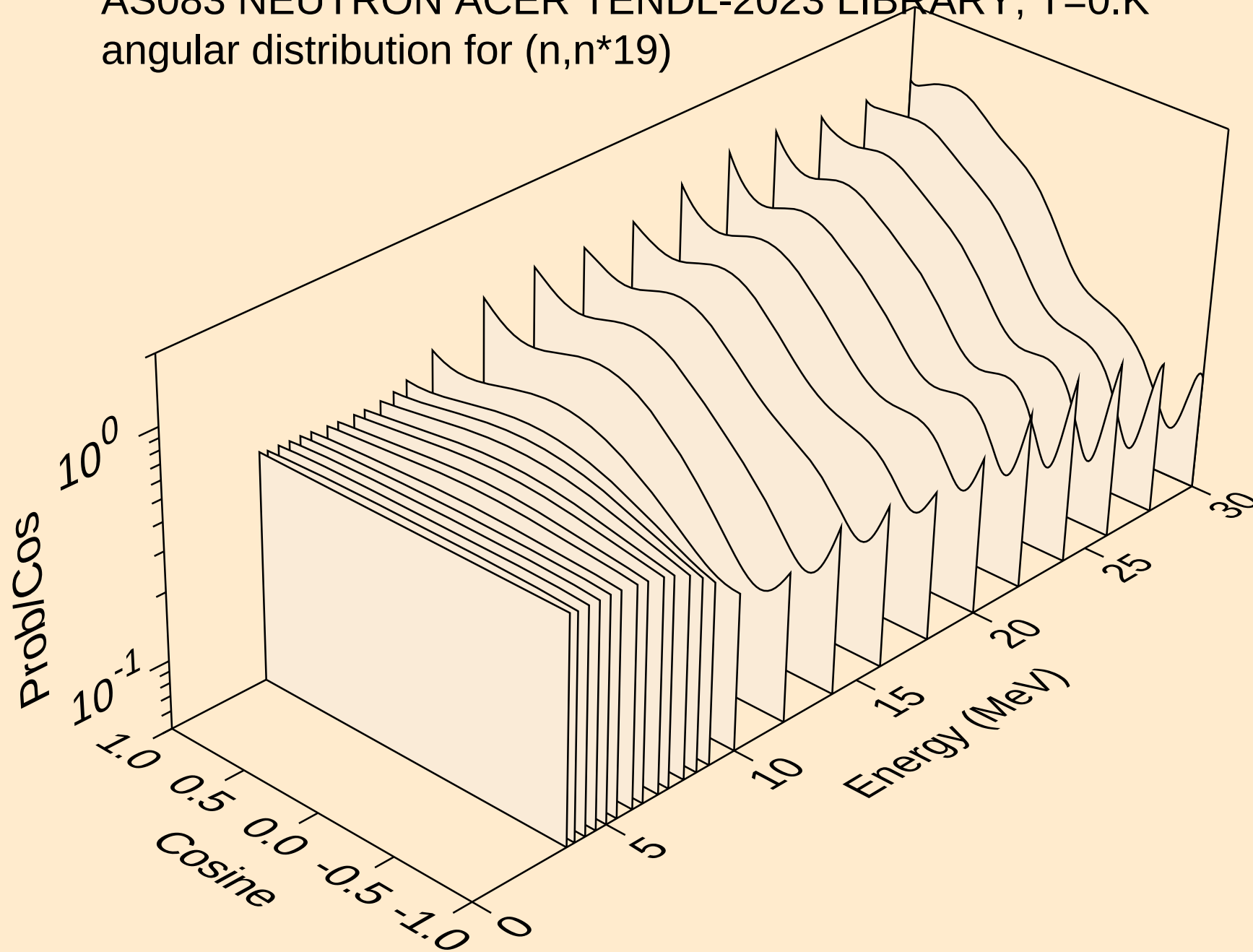
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angular distribution for (n,n*17)



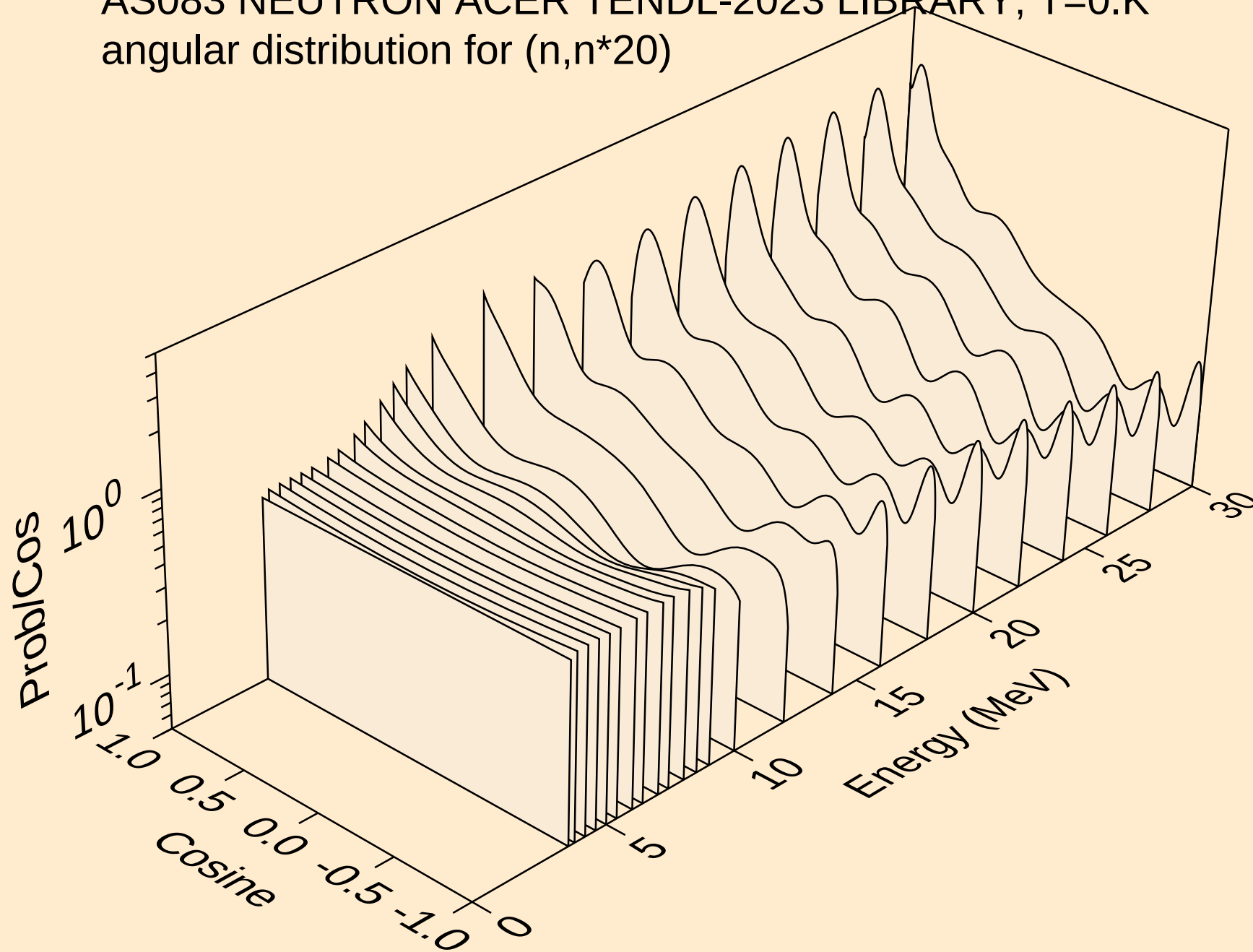
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angular distribution for (n,n*18)



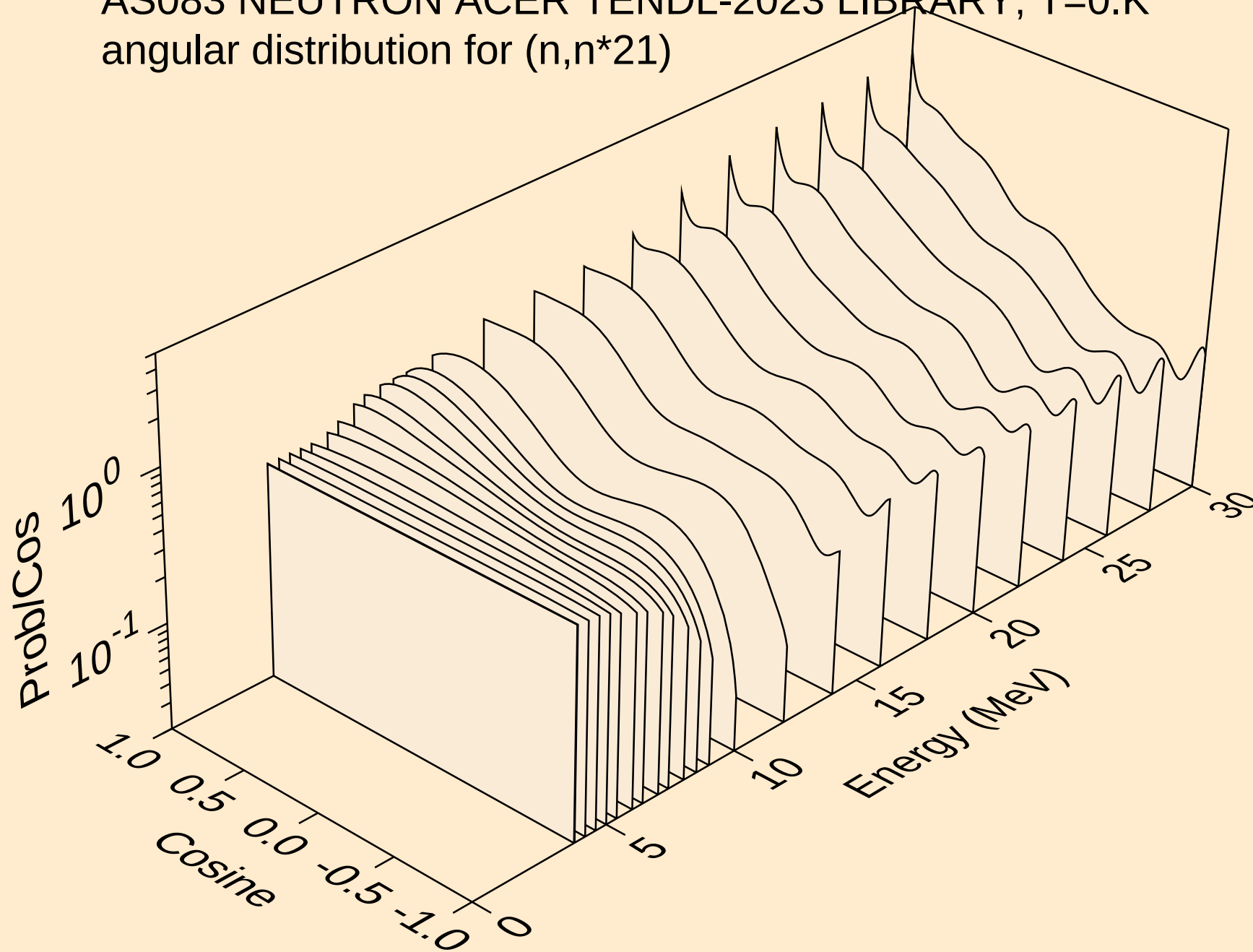
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angular distribution for (n,n*19)



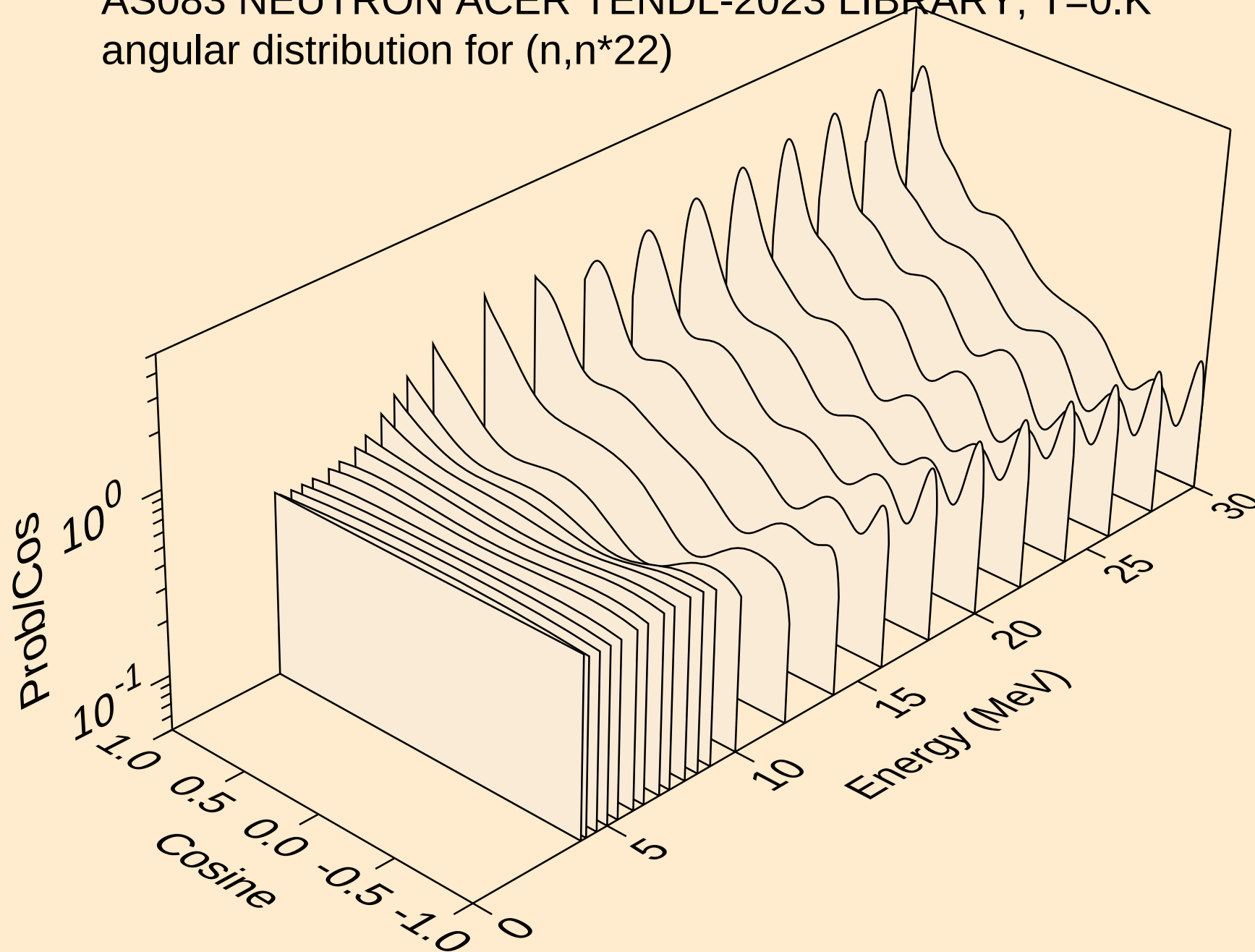
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



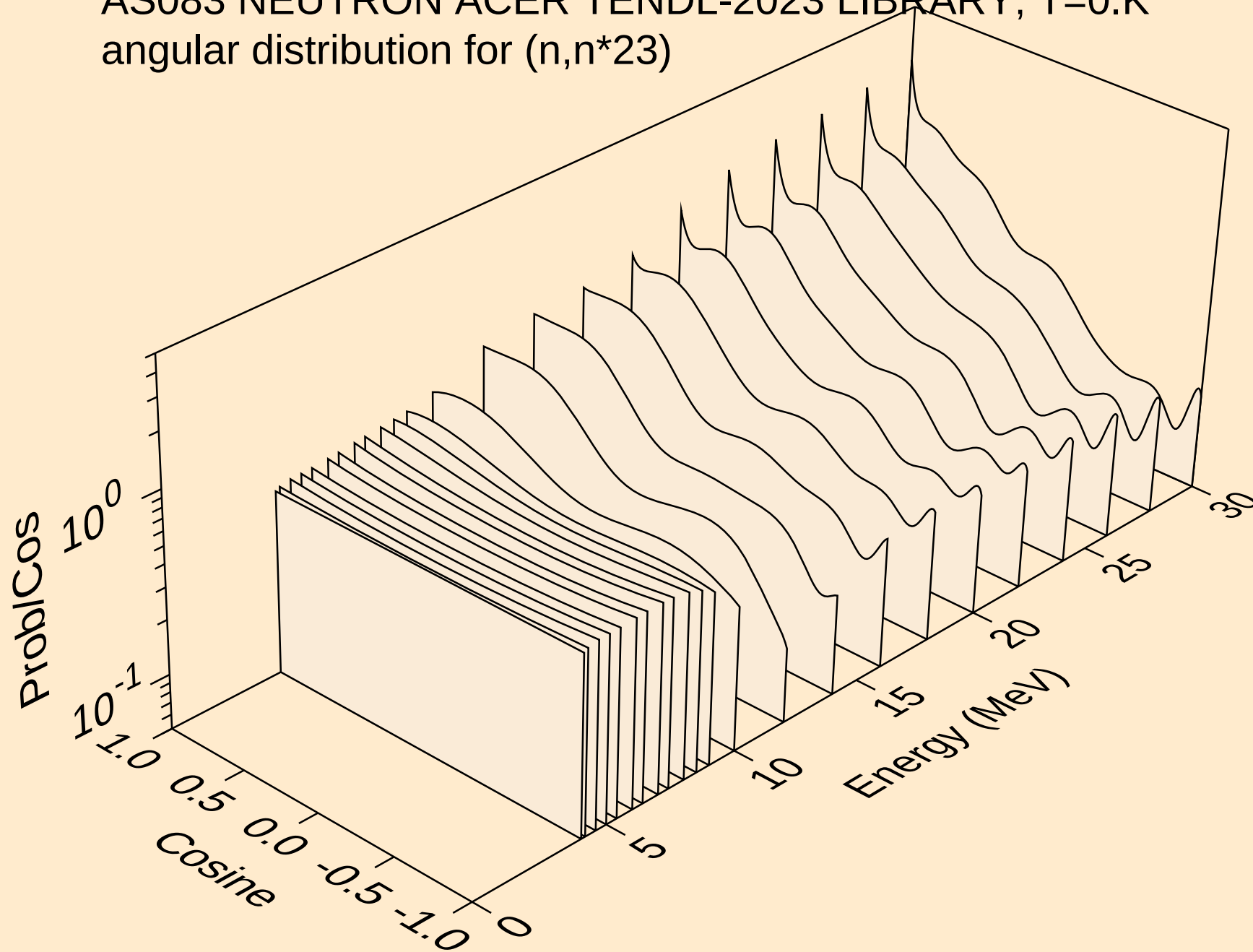
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*21)



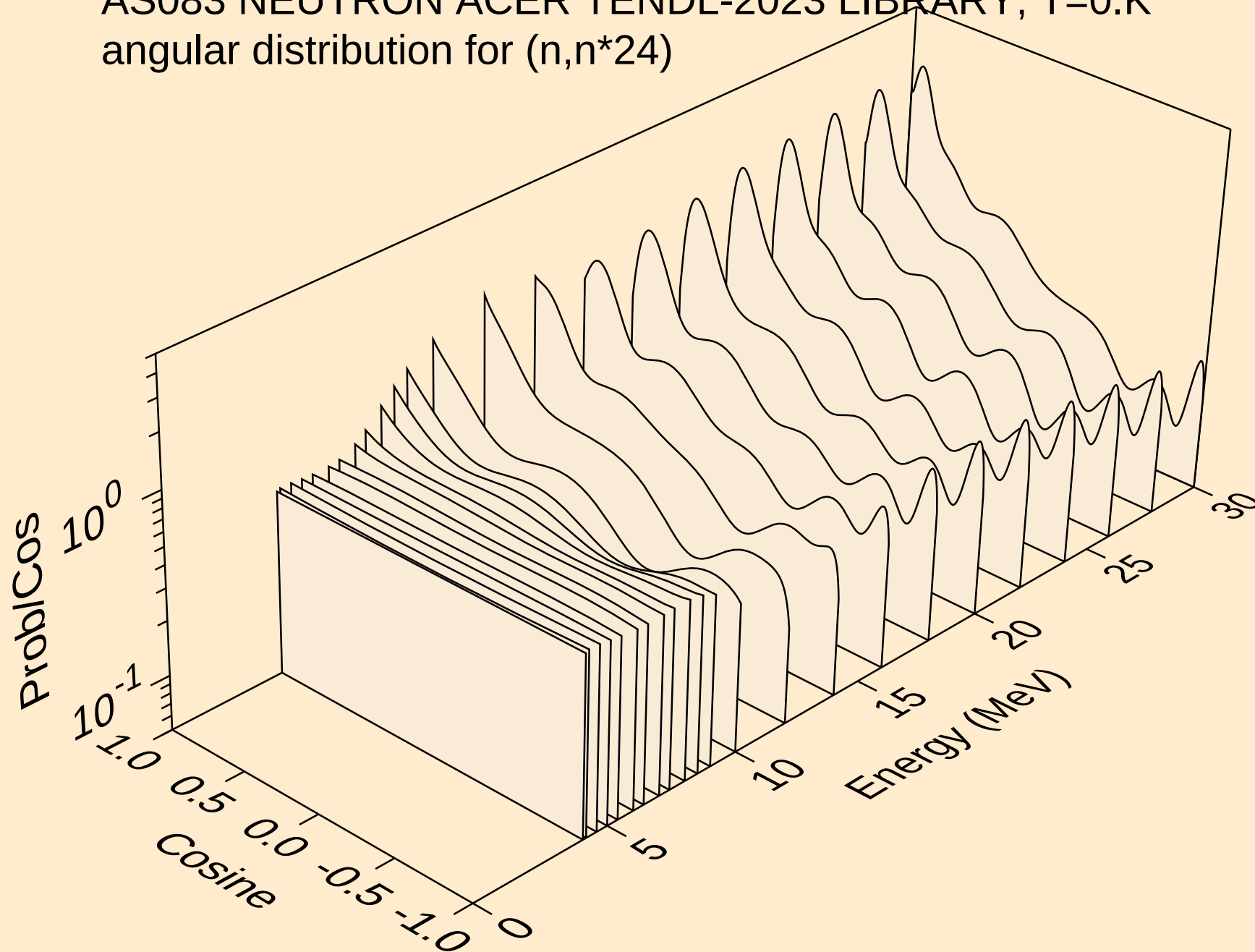
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angular distribution for (n,n*22)



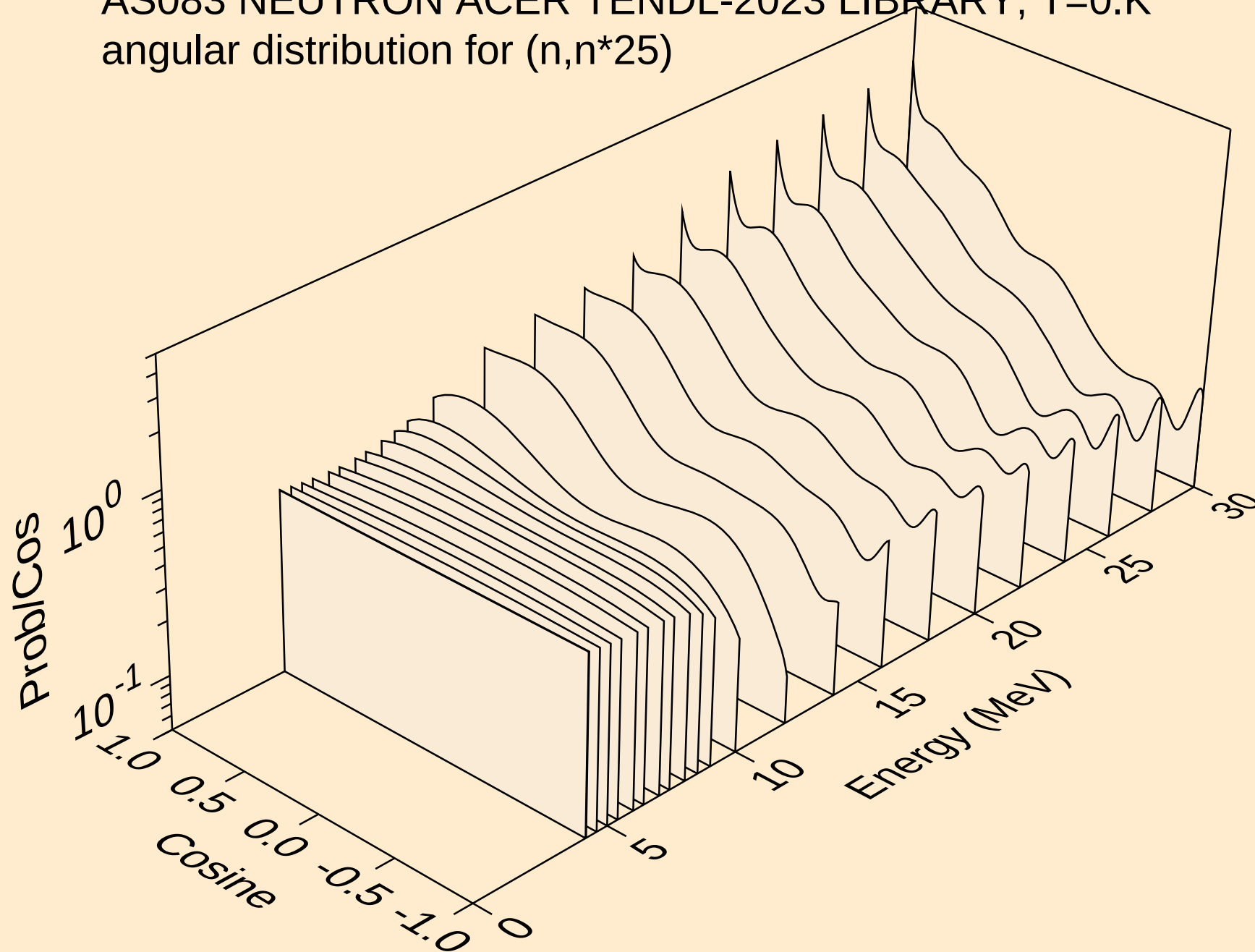
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angular distribution for (n,n*23)



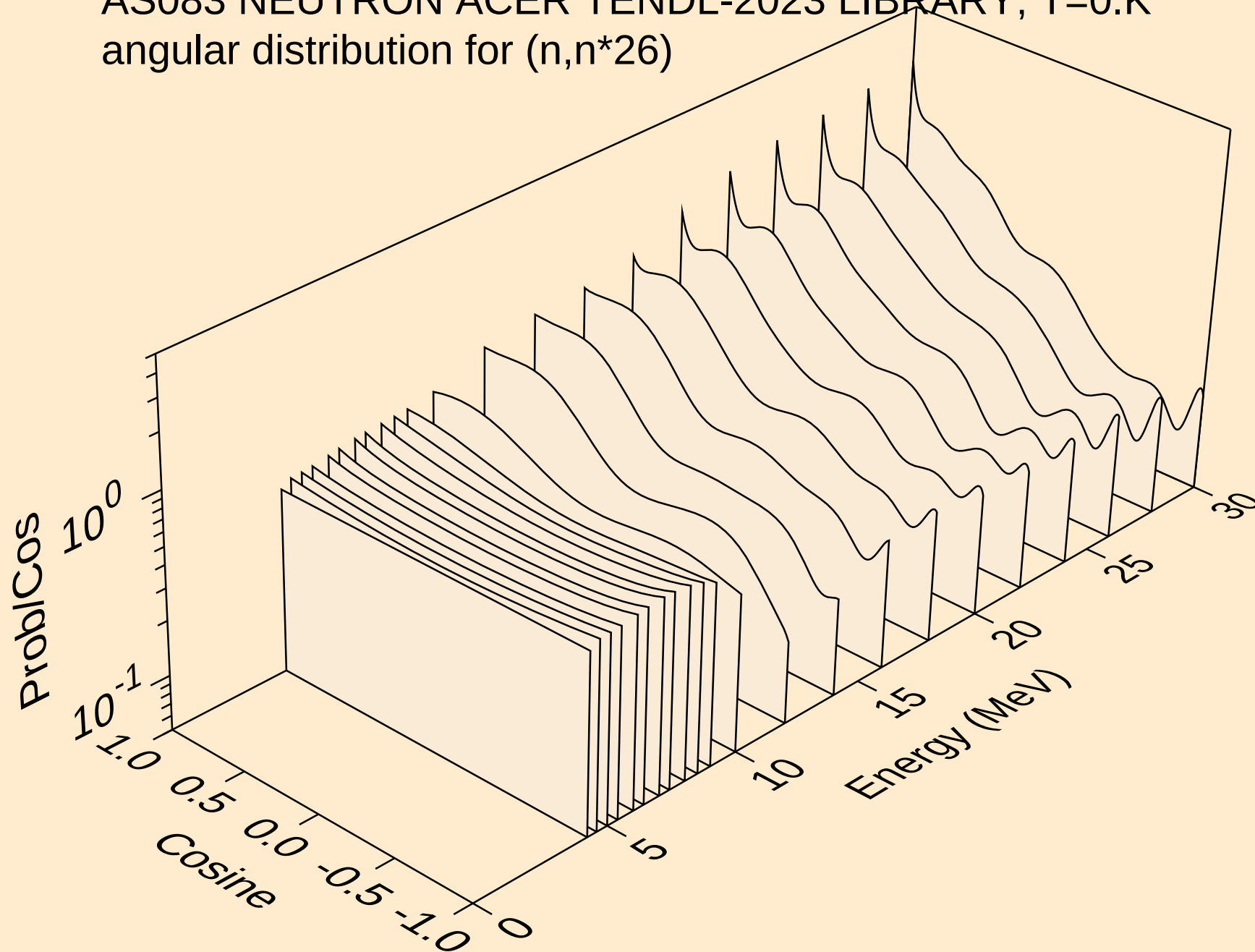
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angular distribution for (n,n*24)



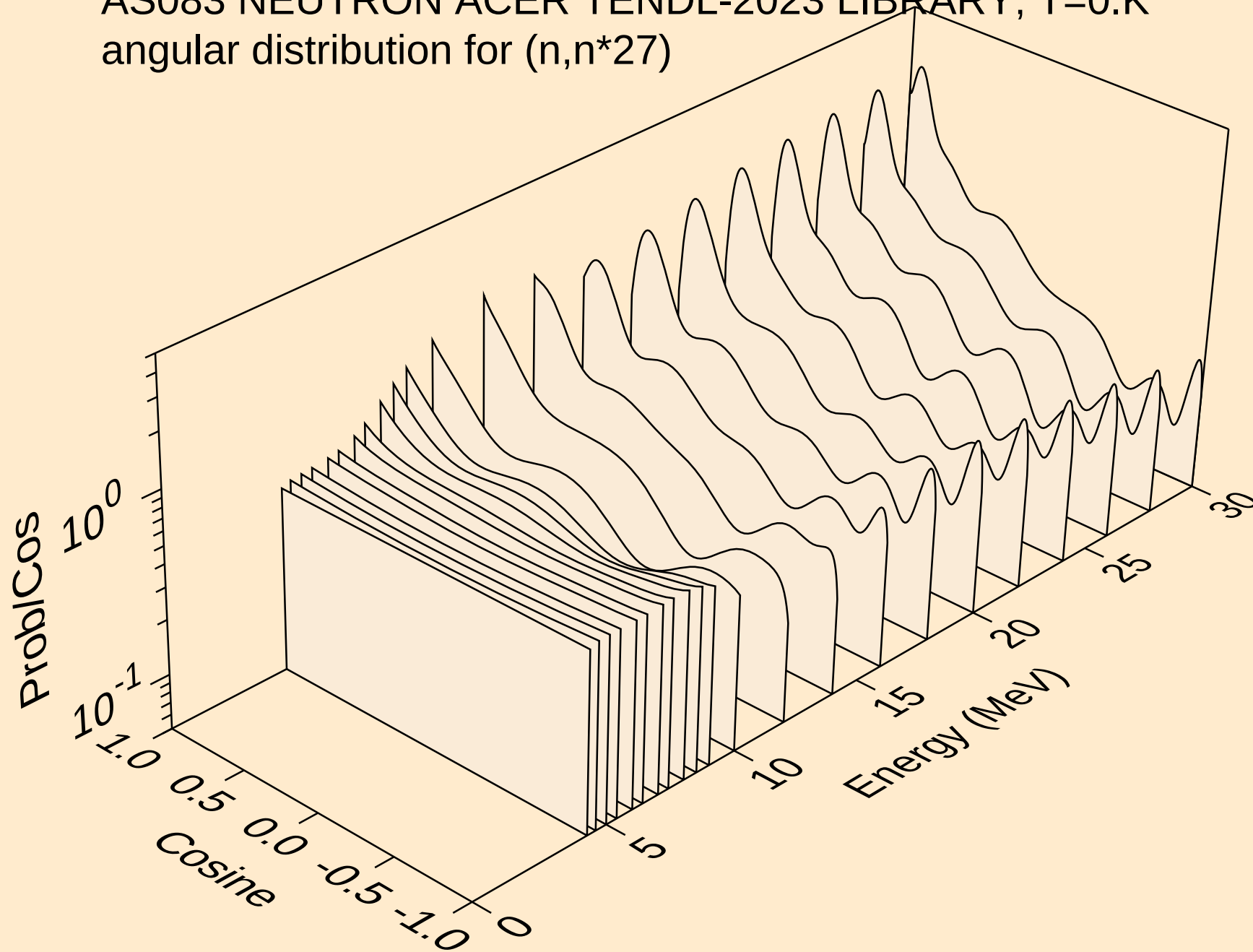
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angular distribution for (n,n*25)



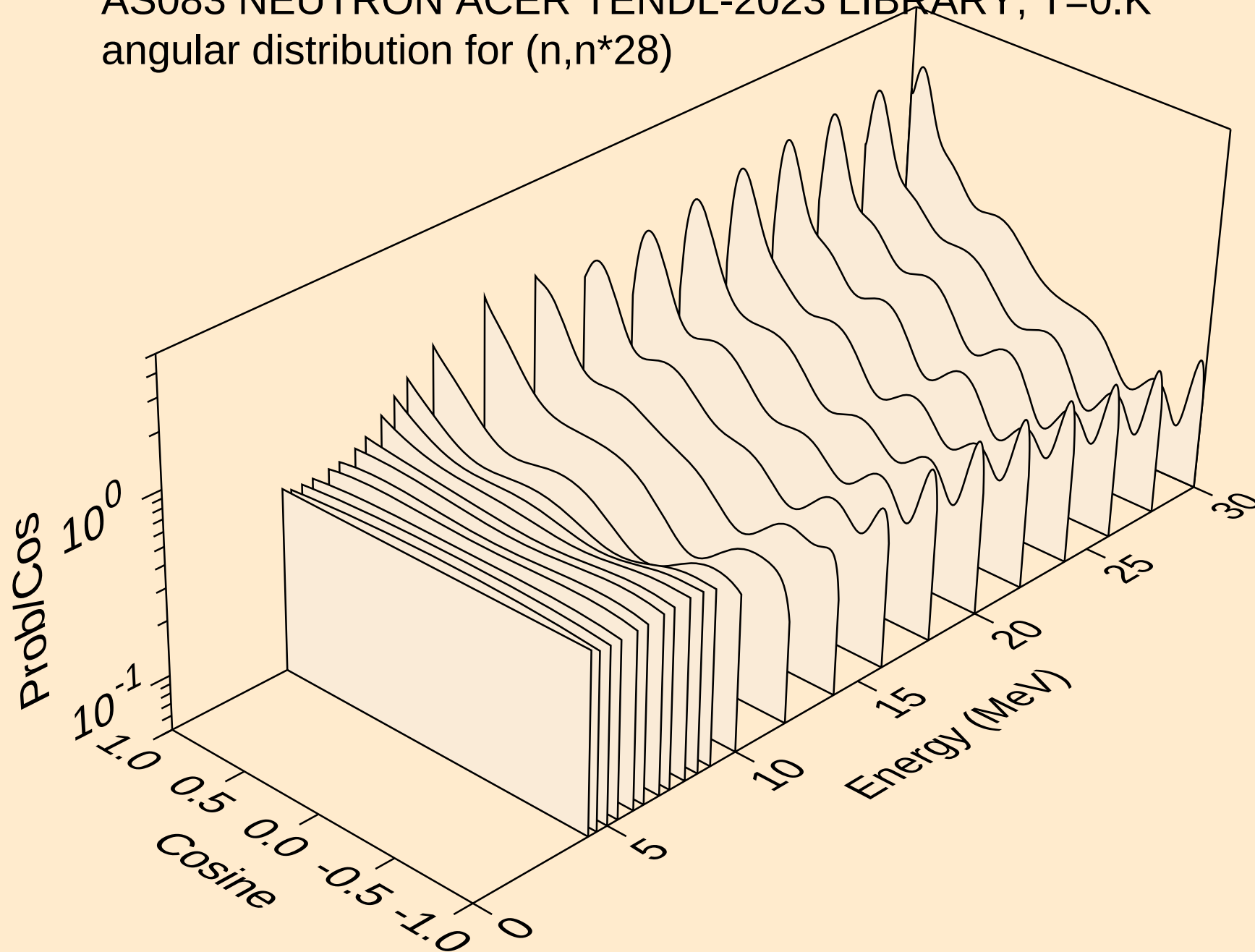
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angular distribution for (n,n*26)



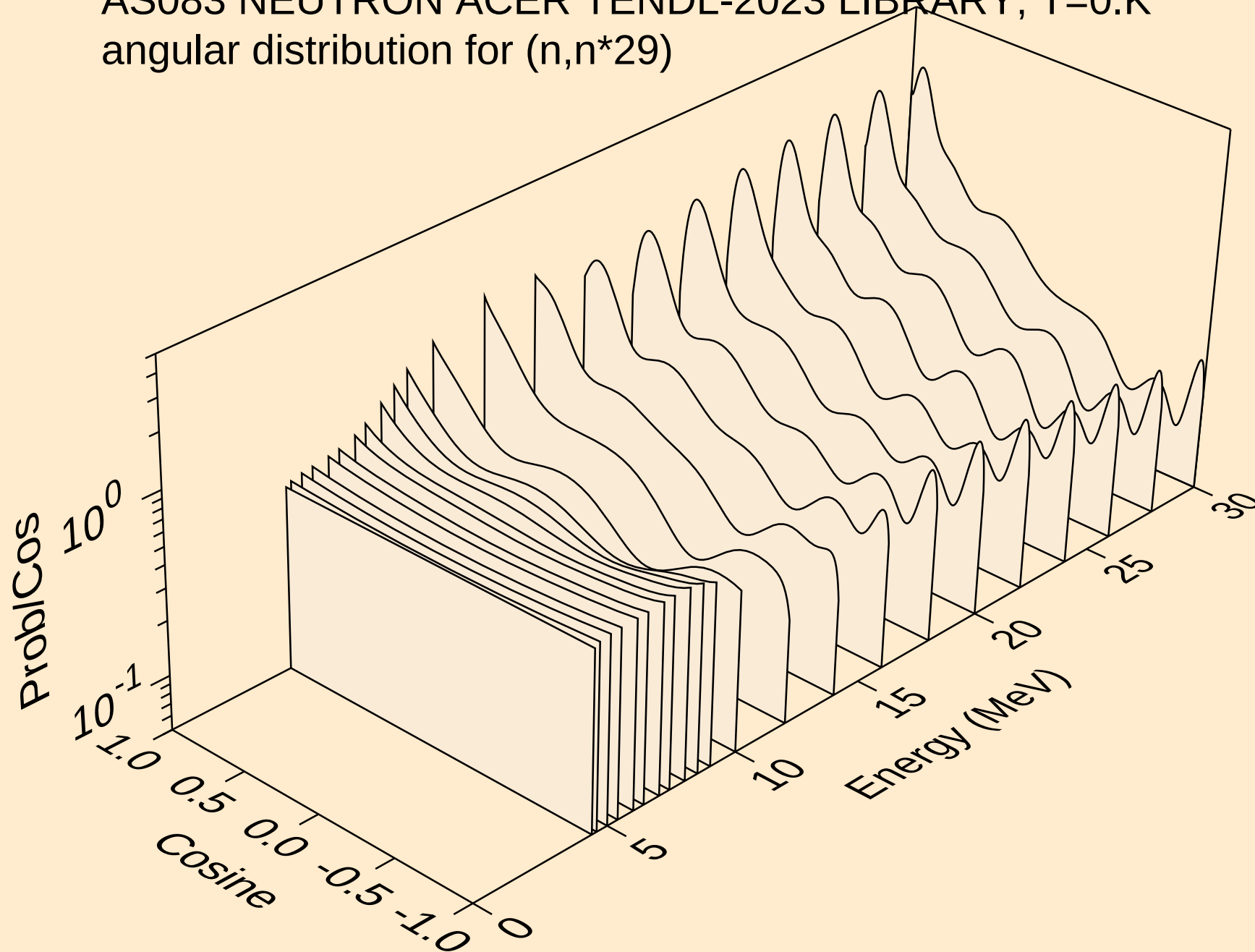
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angular distribution for (n,n*27)



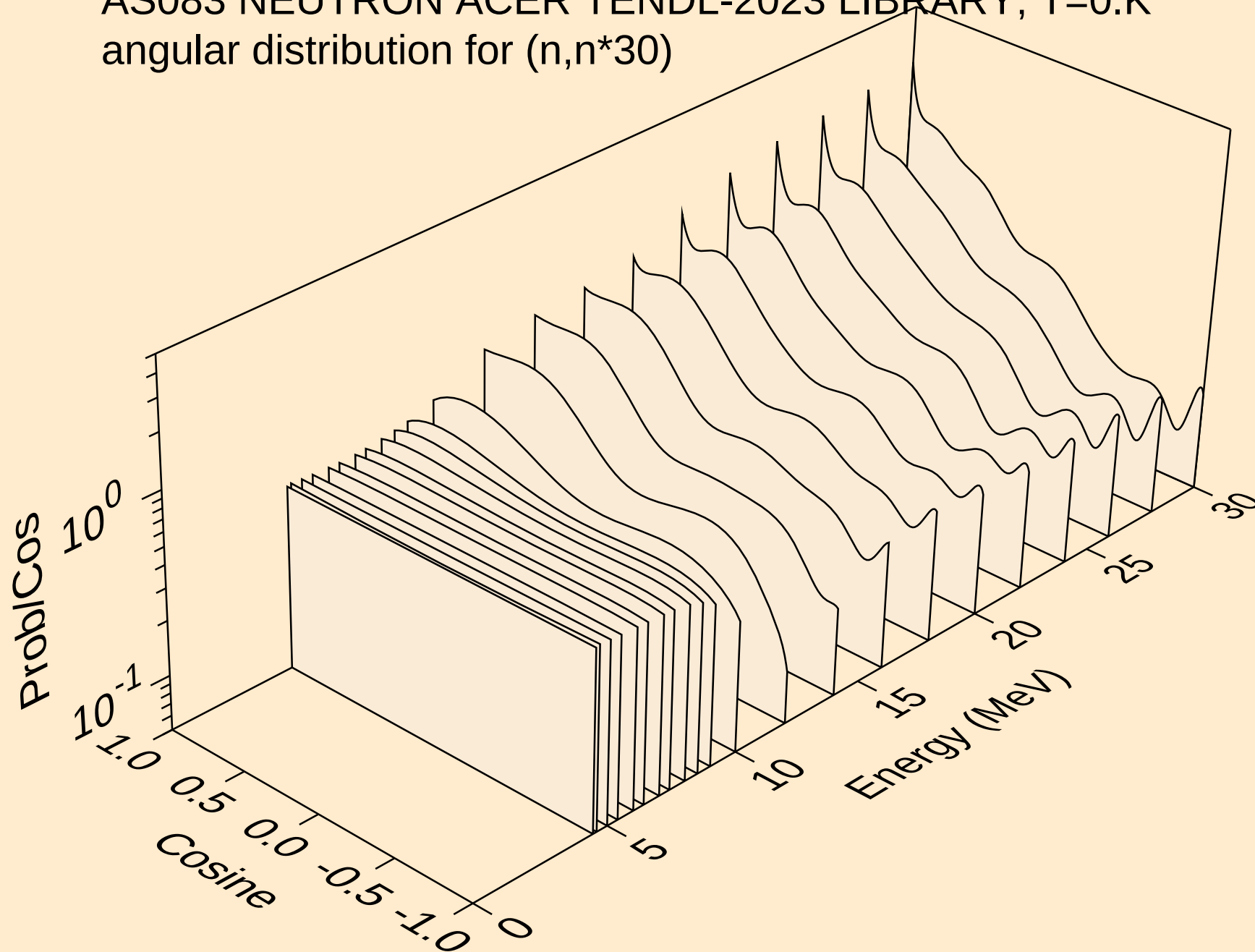
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



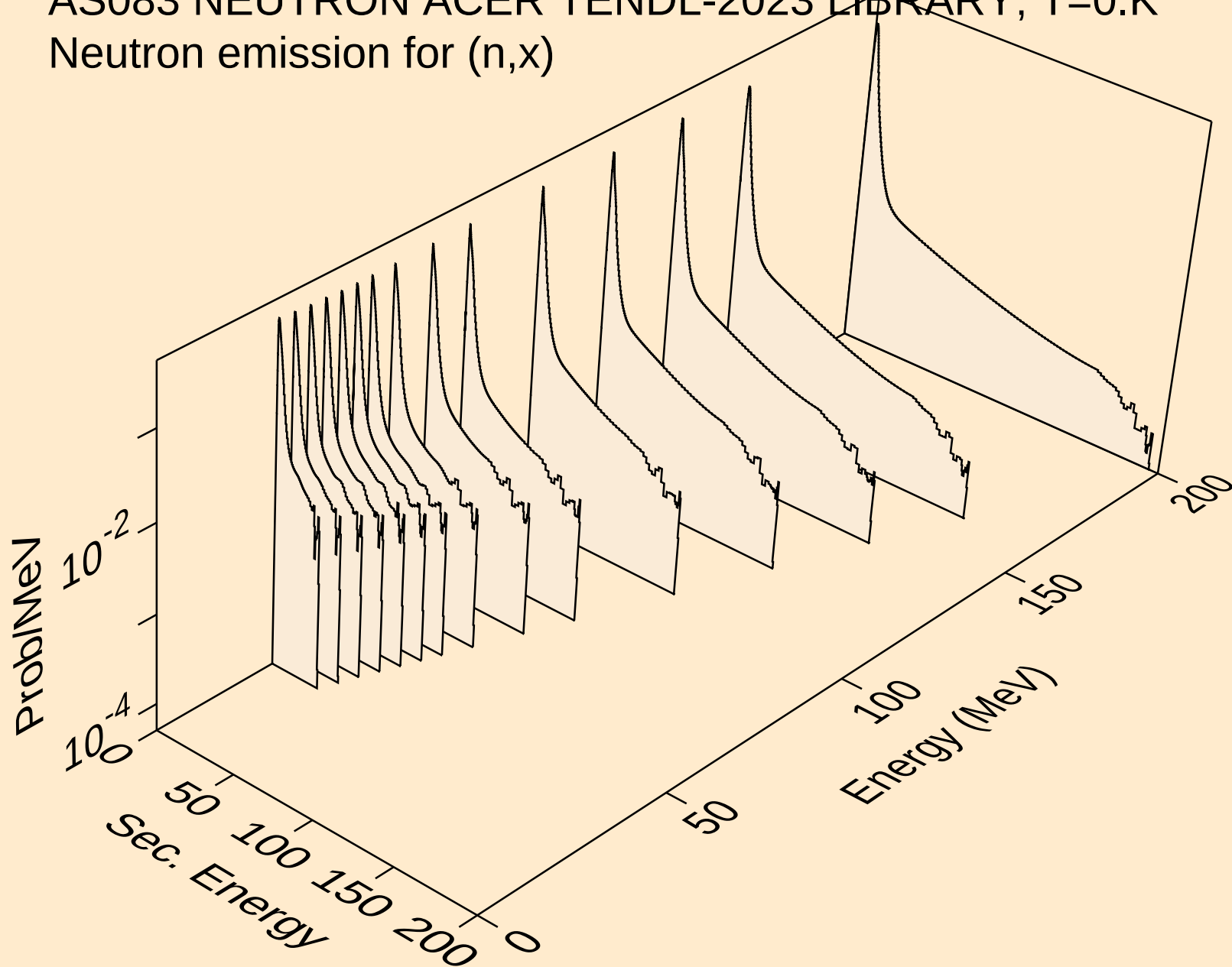
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)



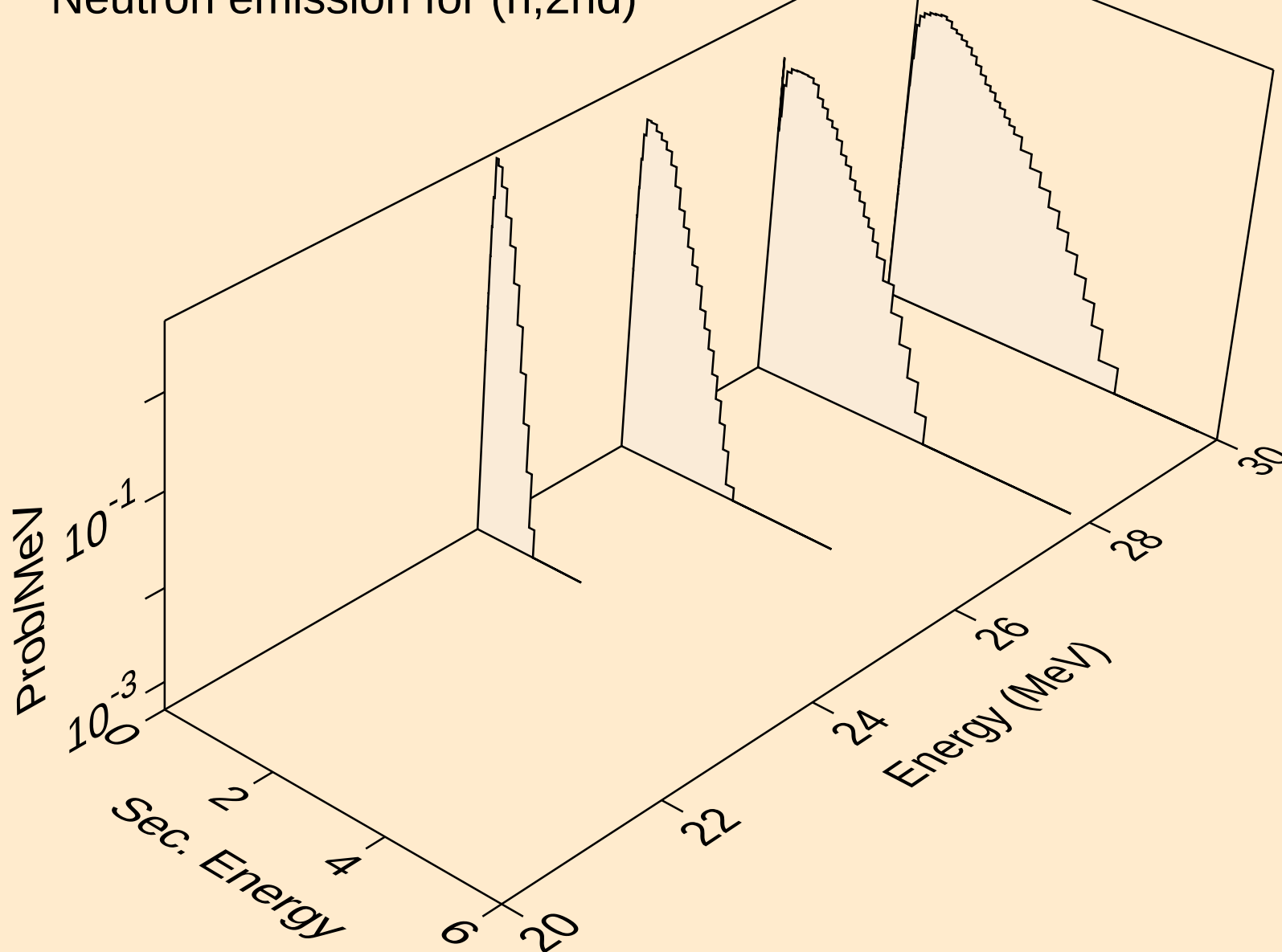
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*30)



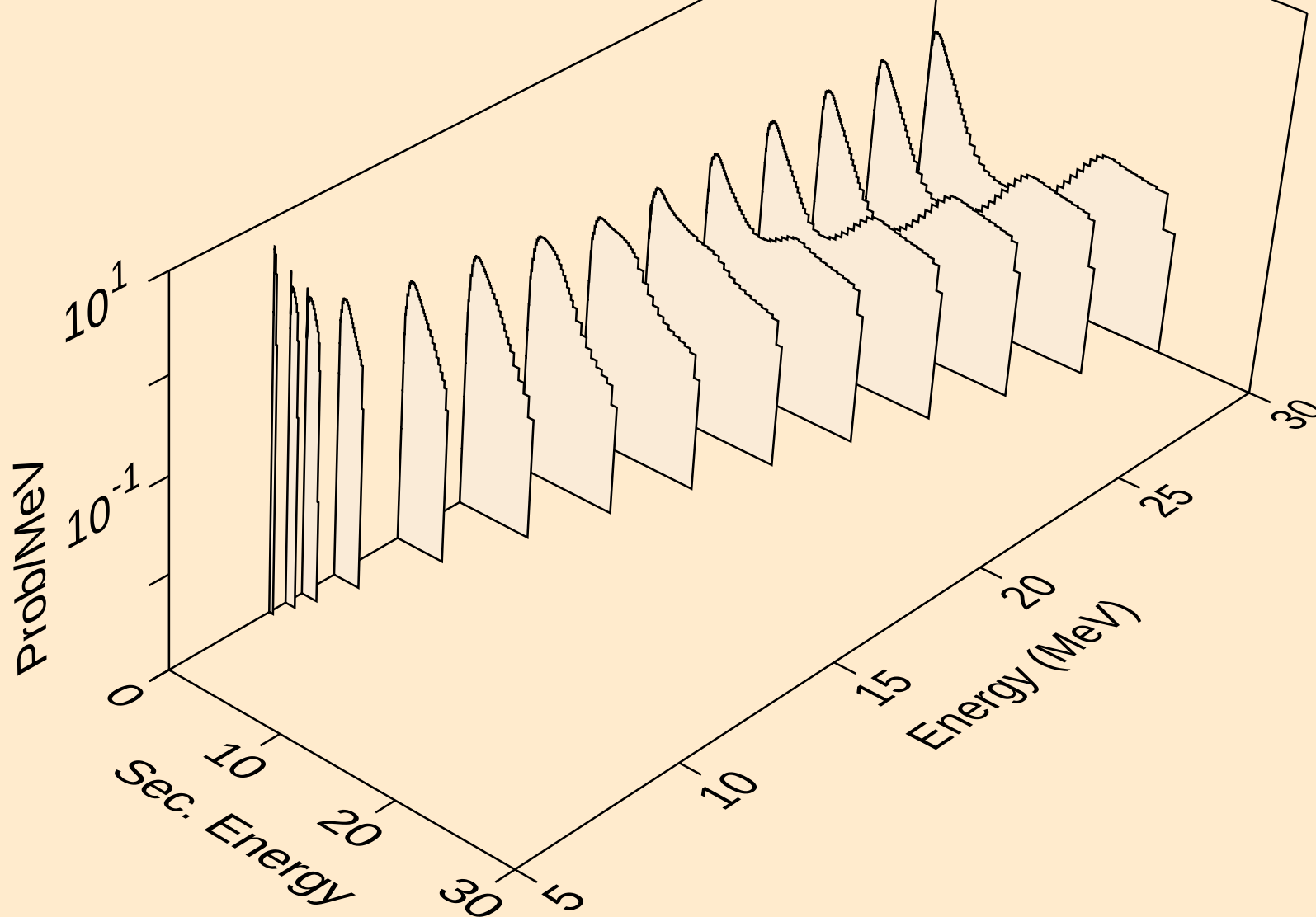
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



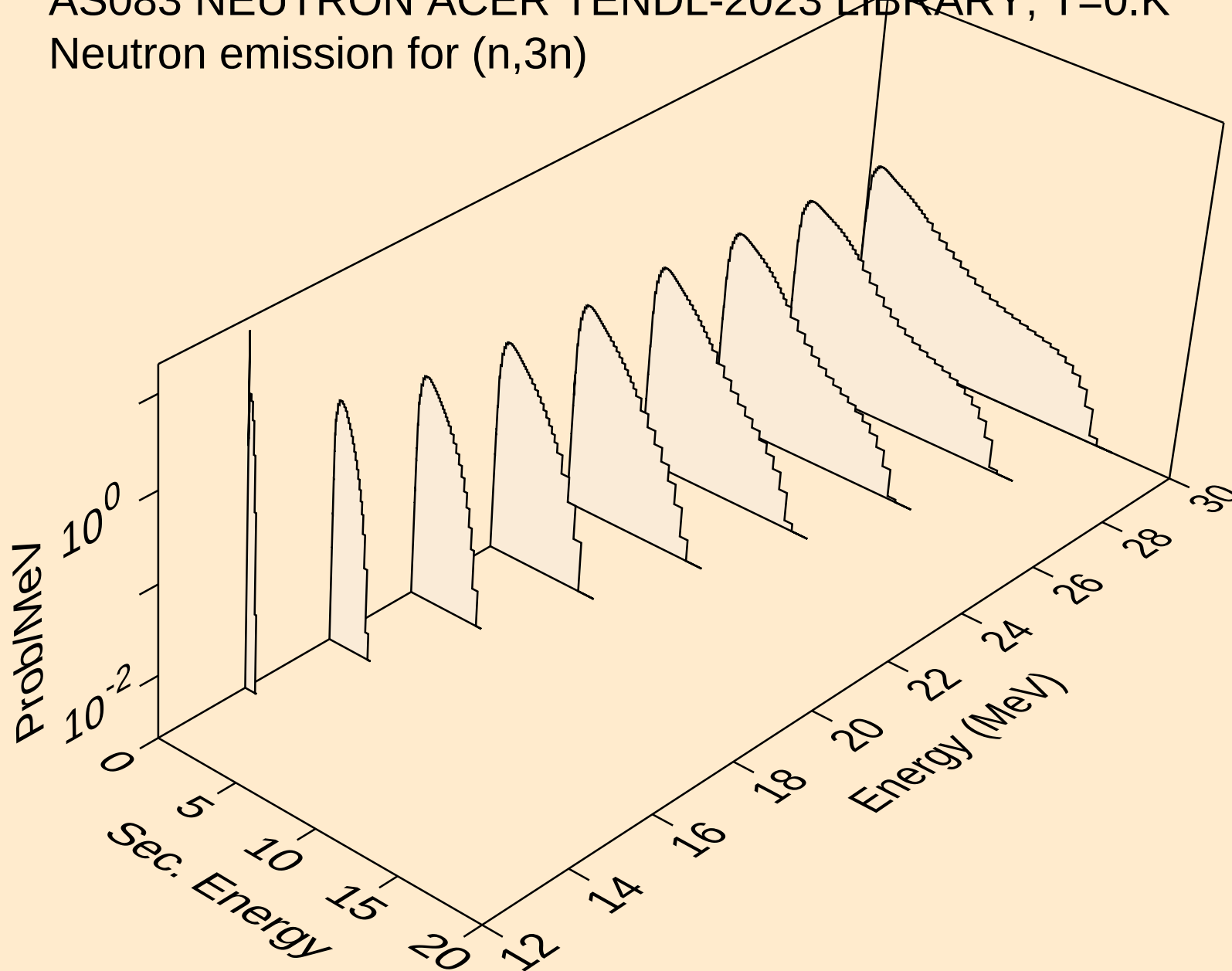
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)

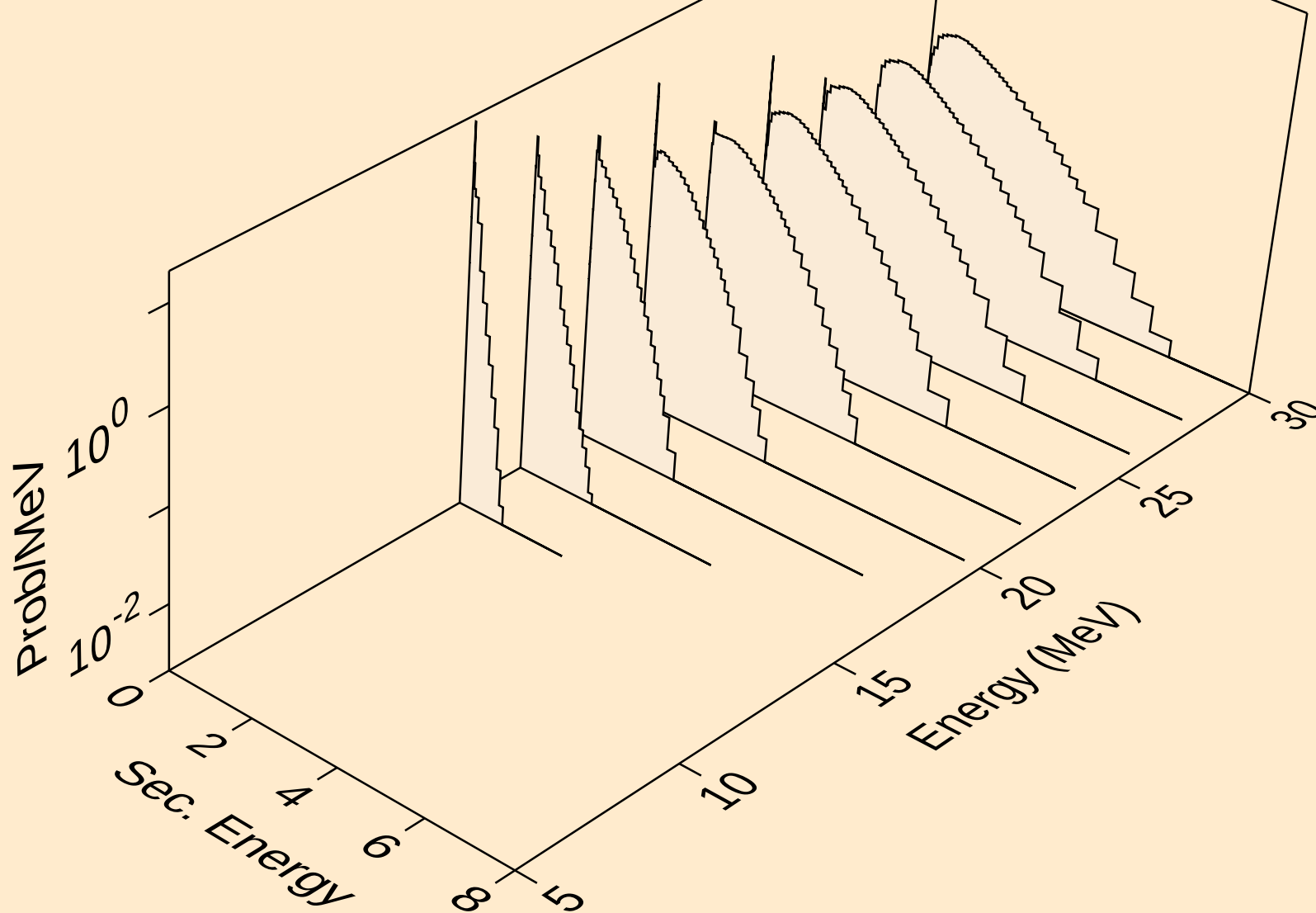


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

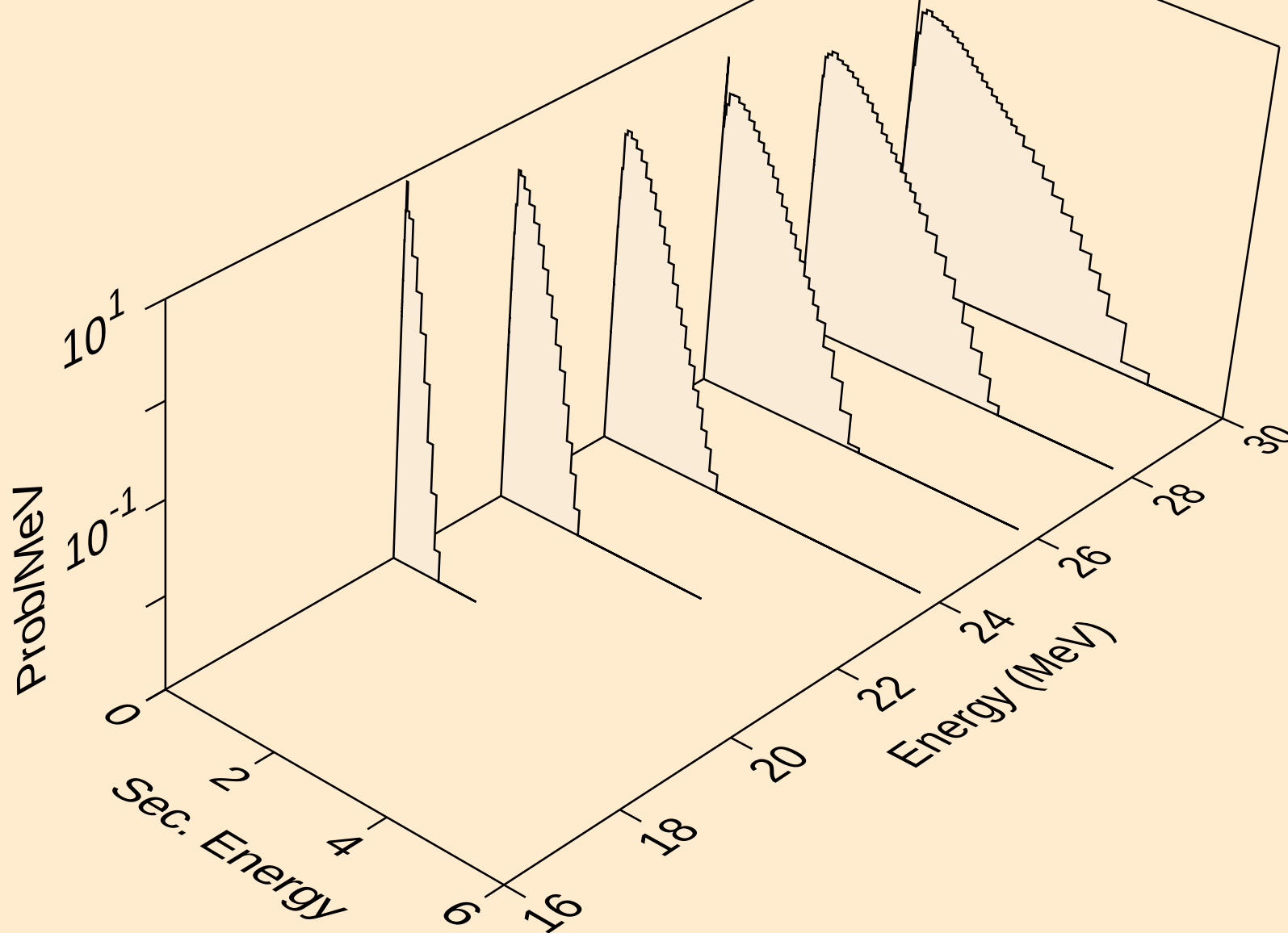


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)a

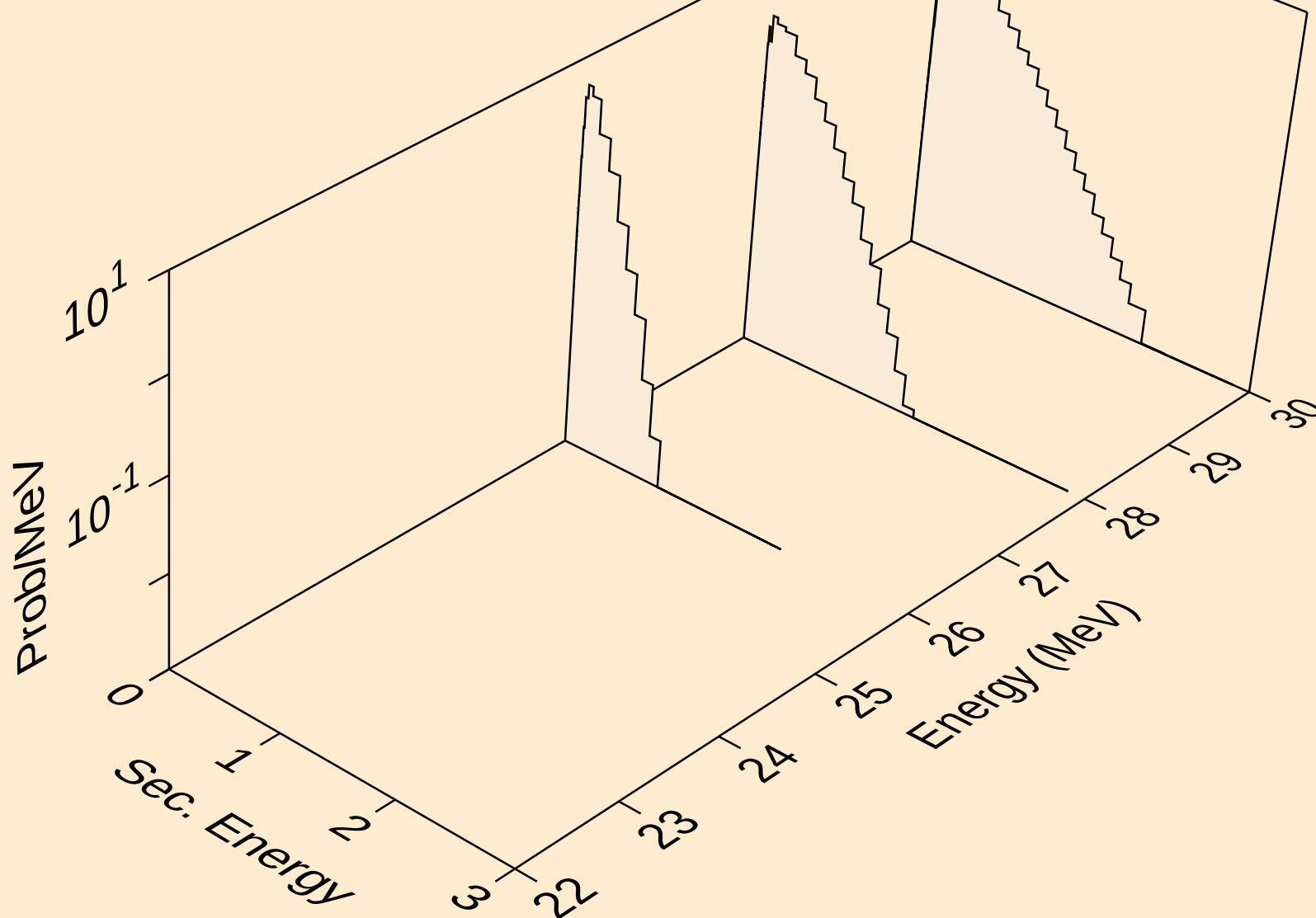


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



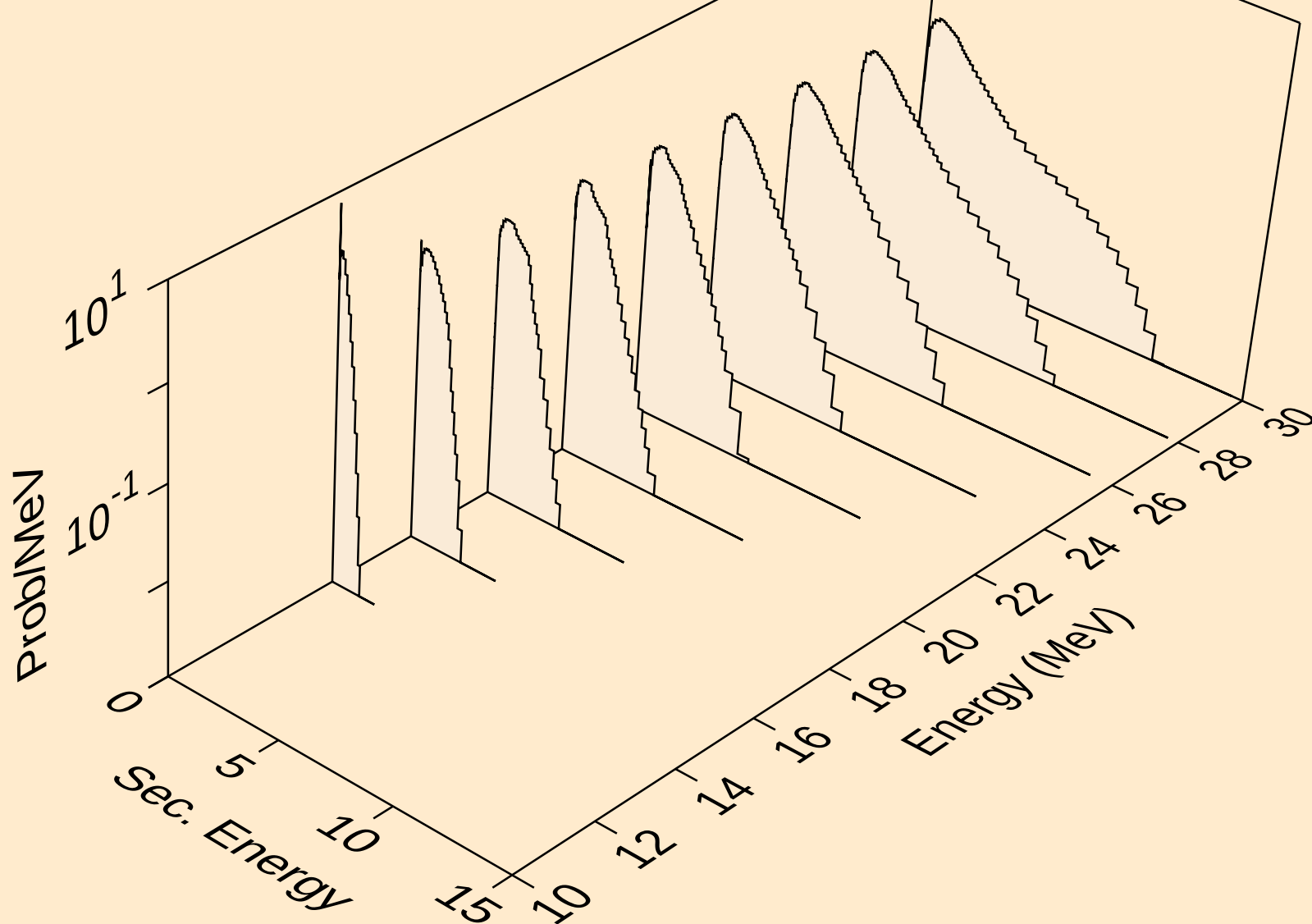
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,3n)a



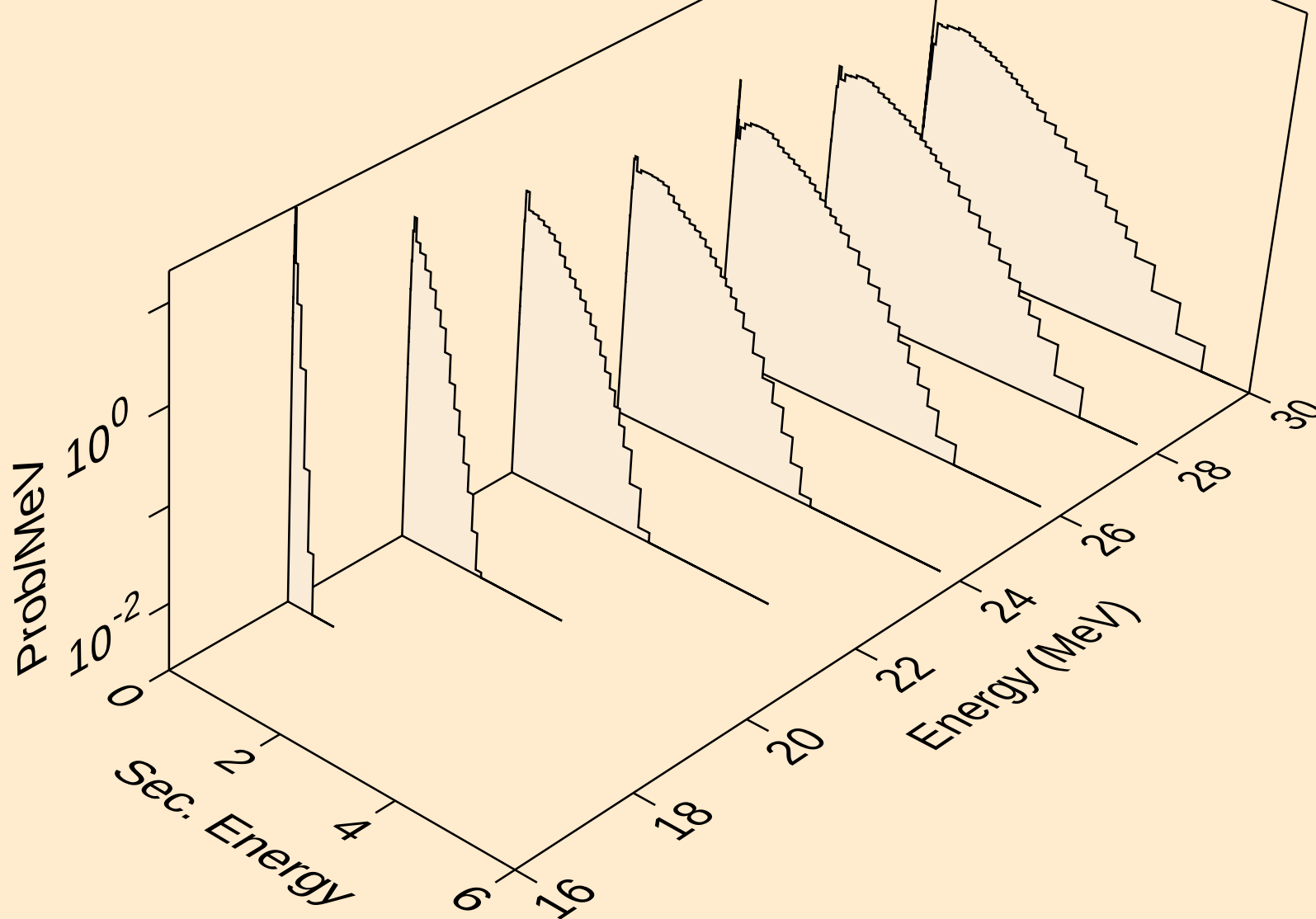
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p

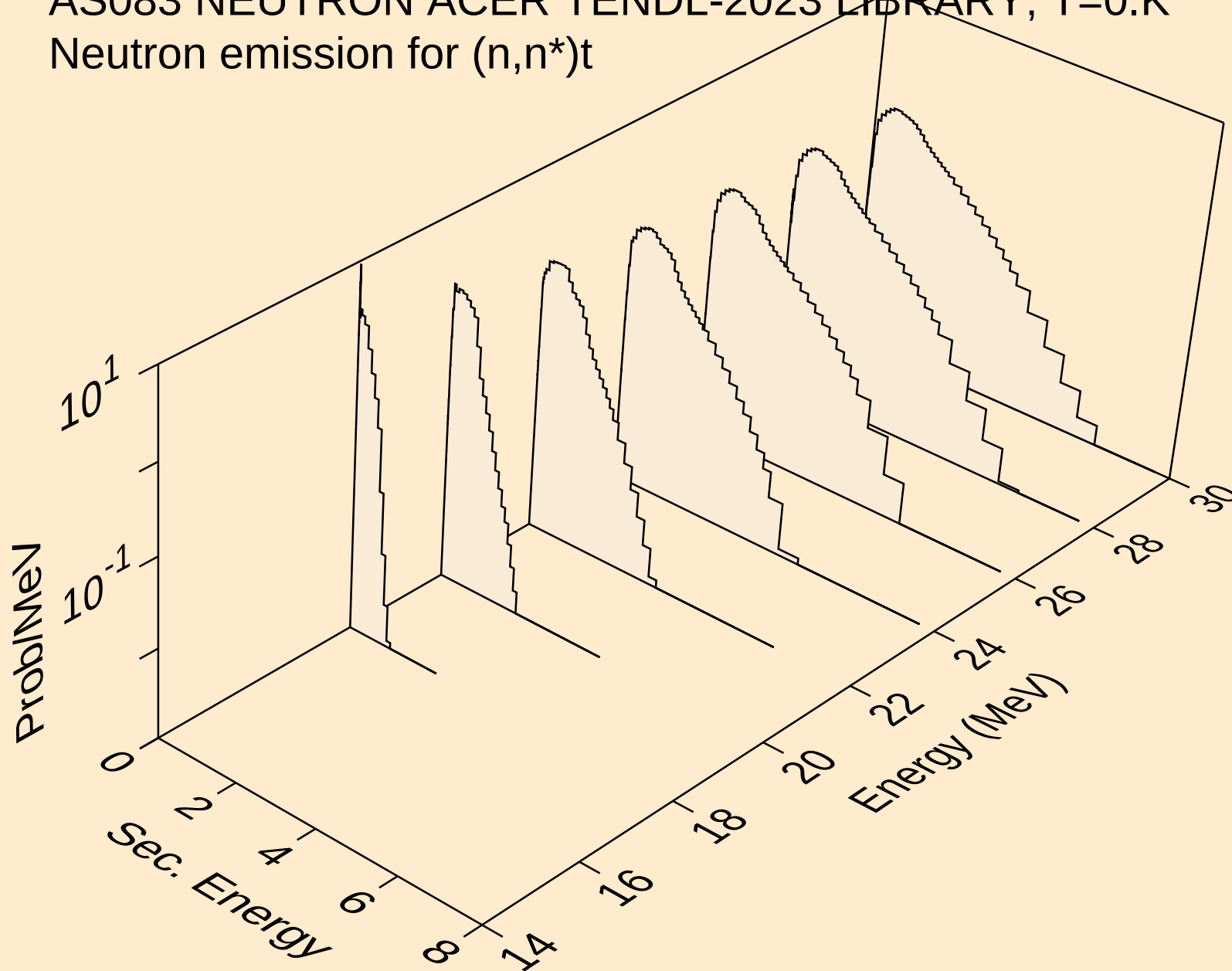


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

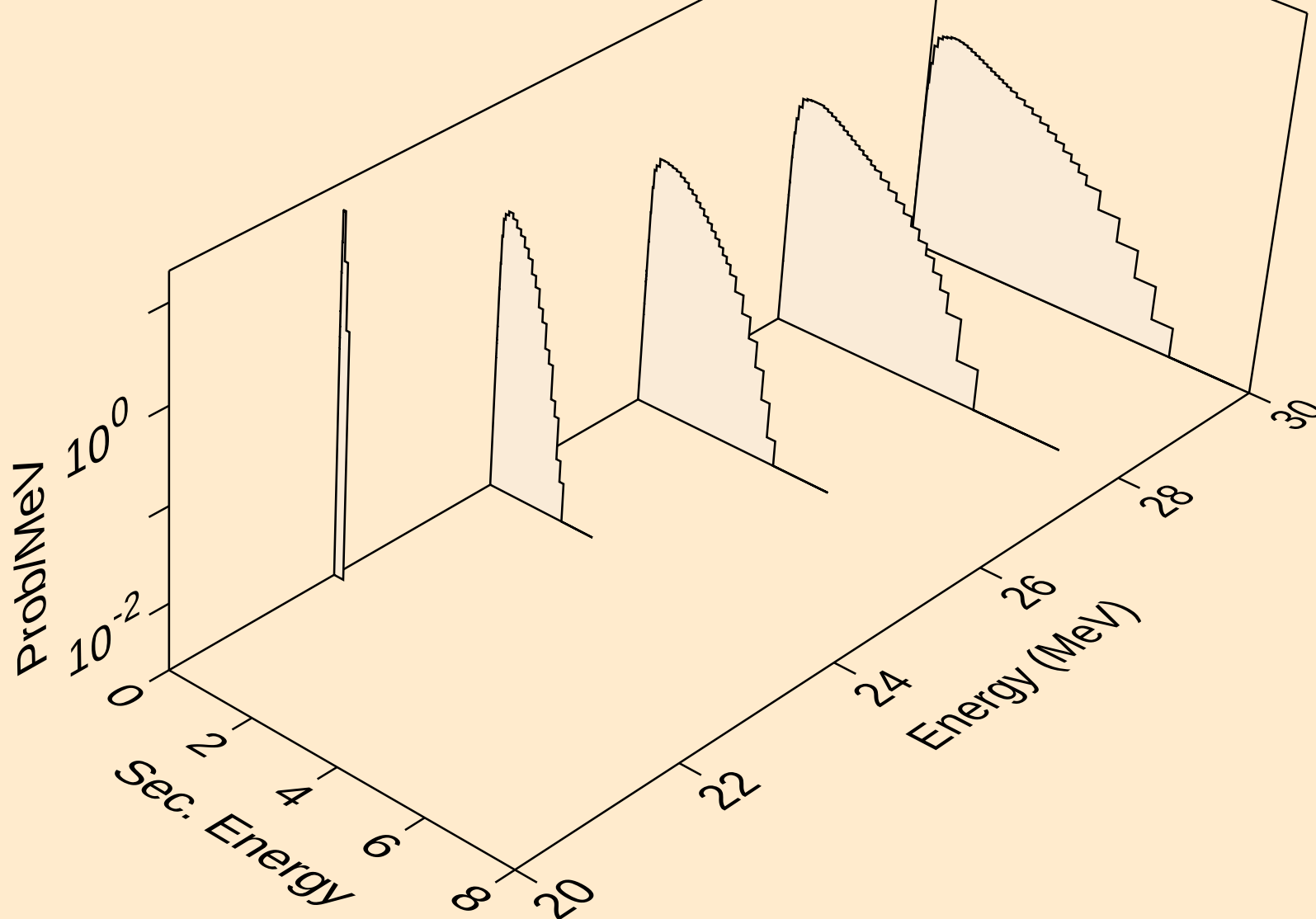
Neutron emission for (n,n*)d



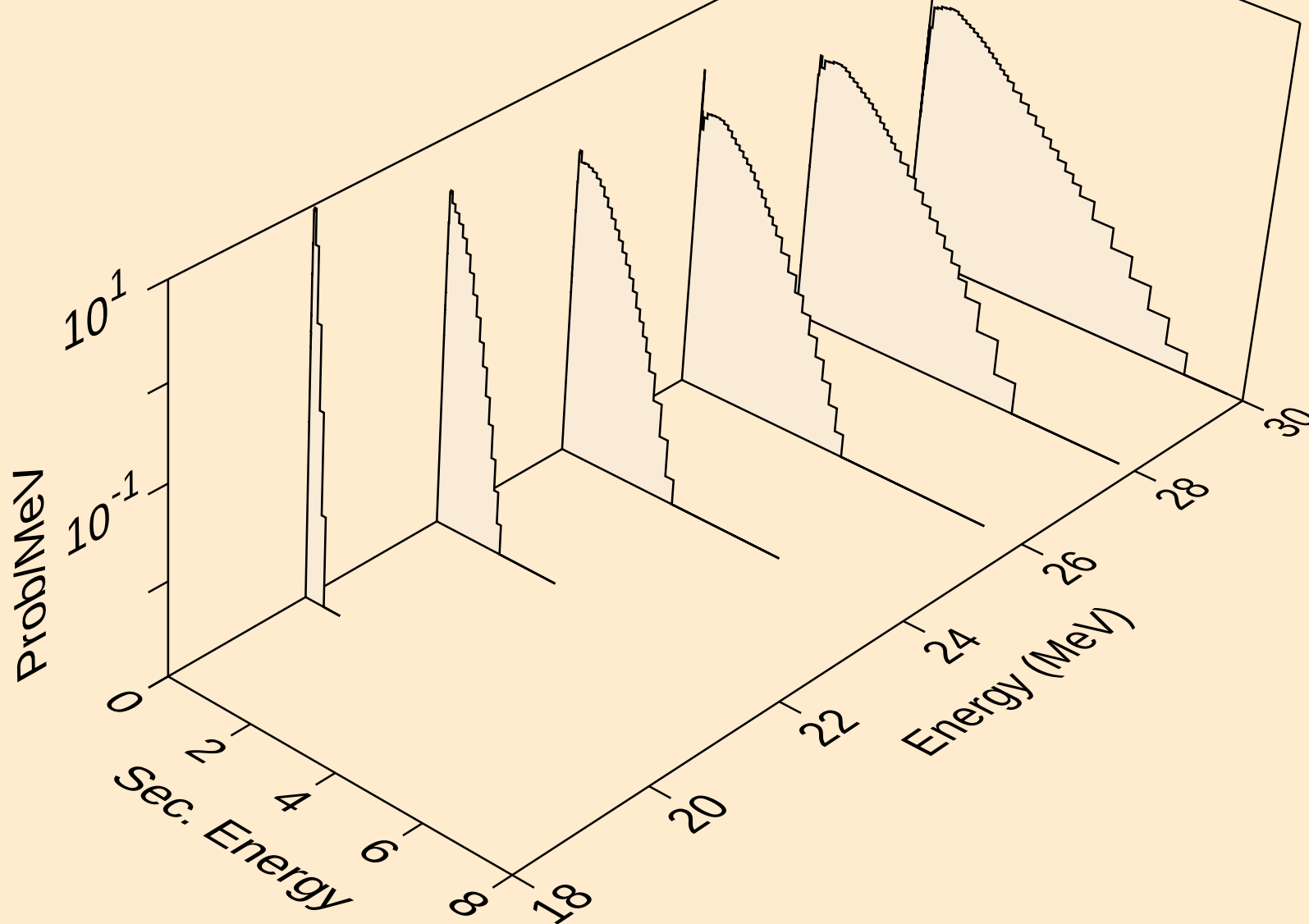
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



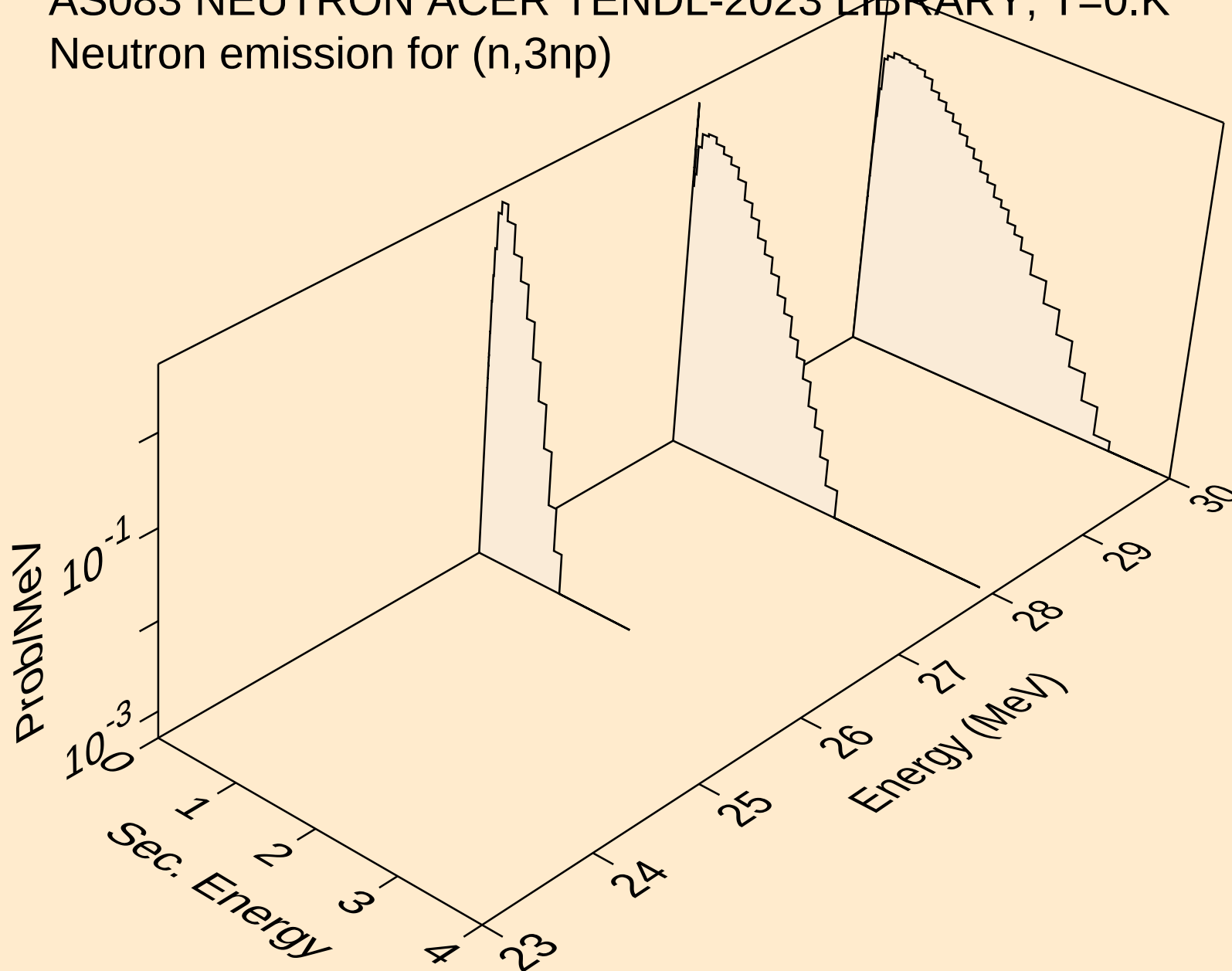
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



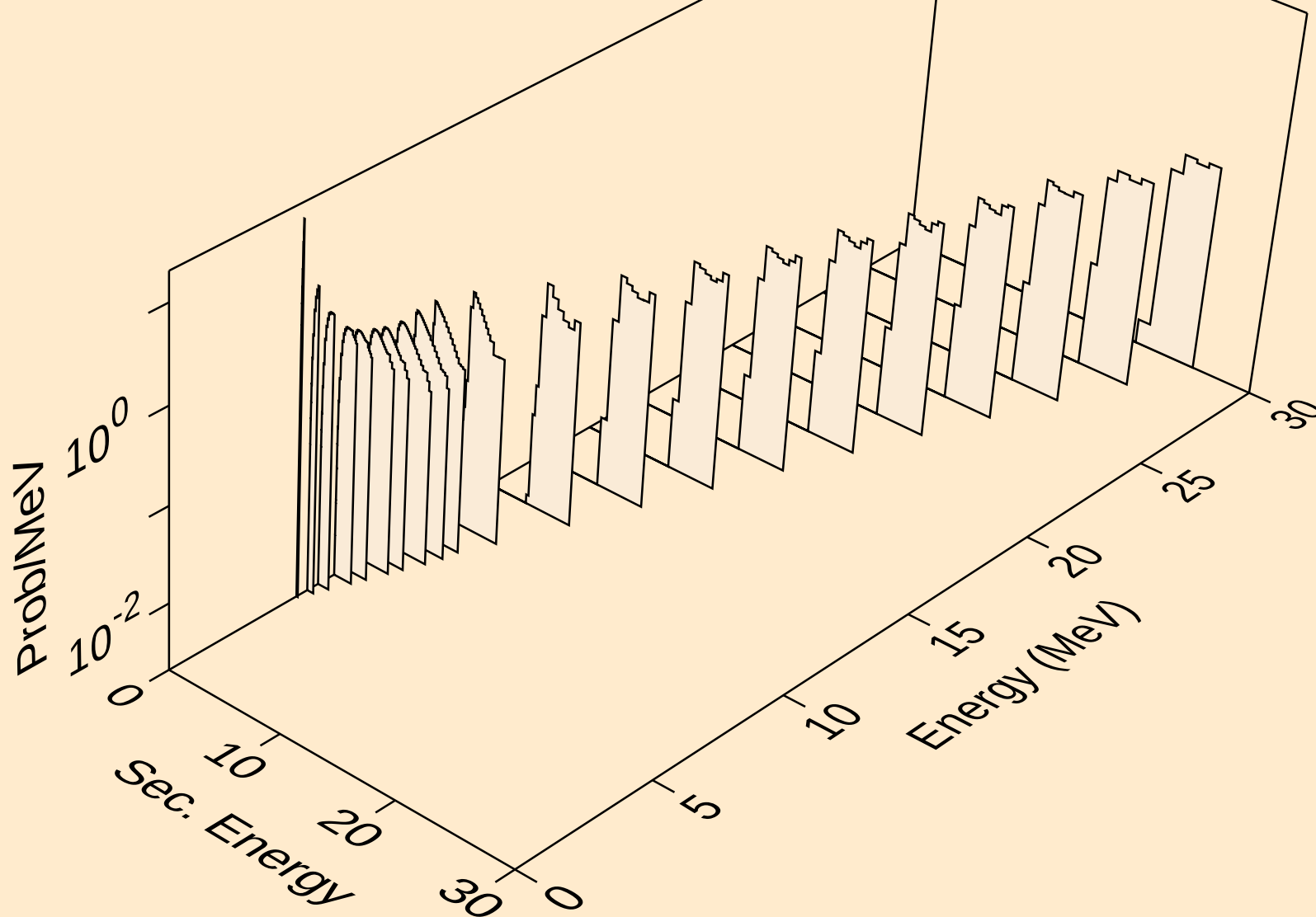
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



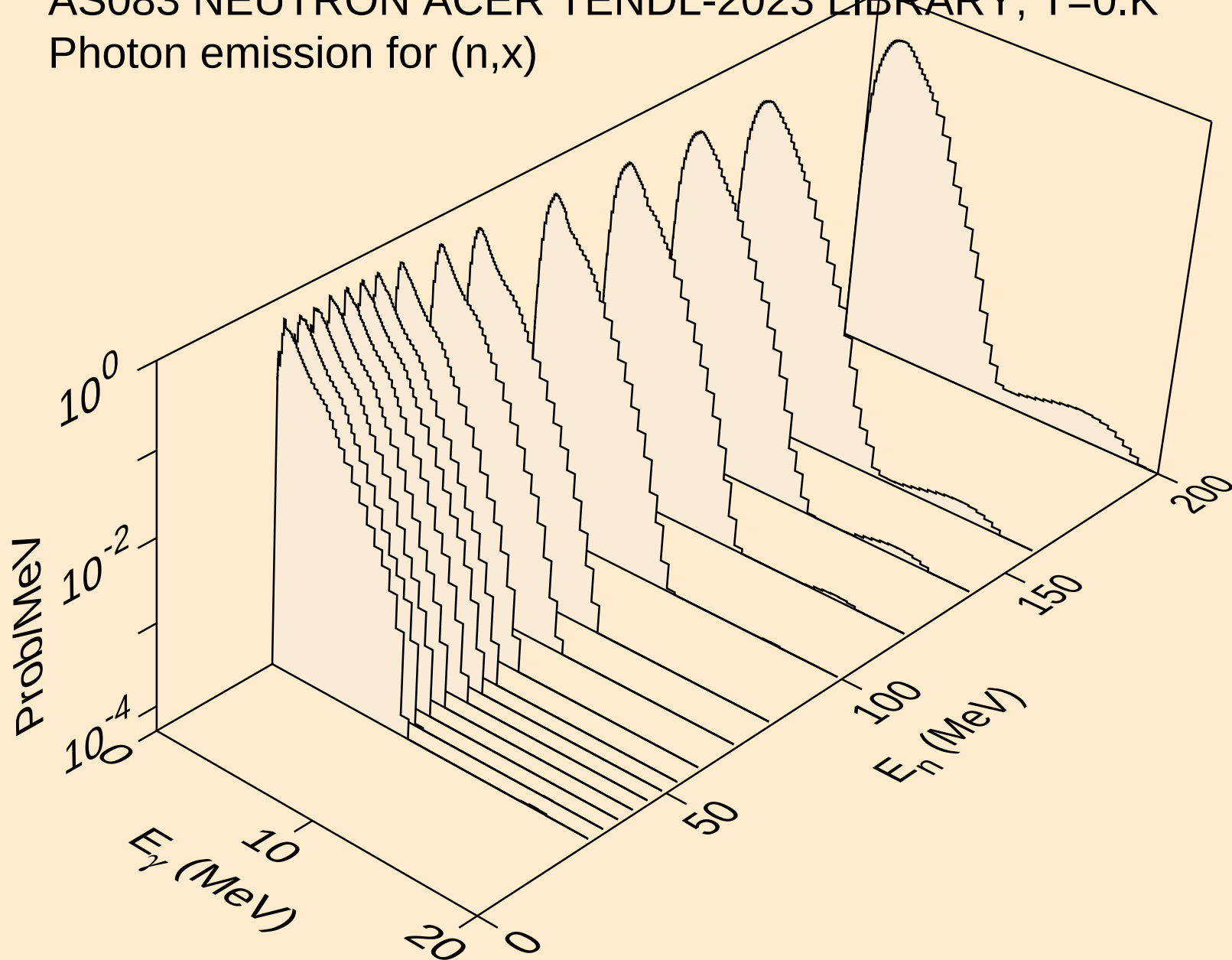
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



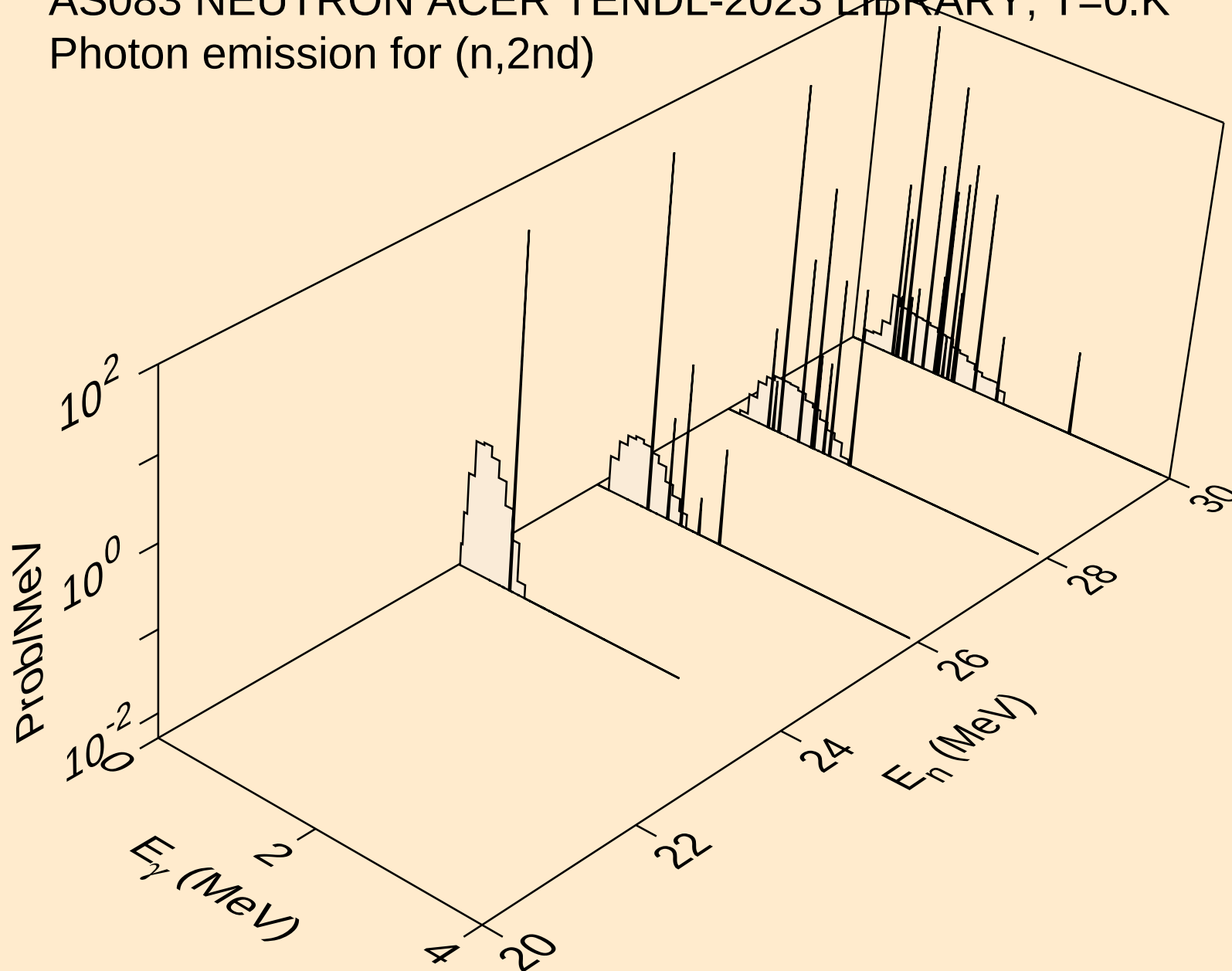
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



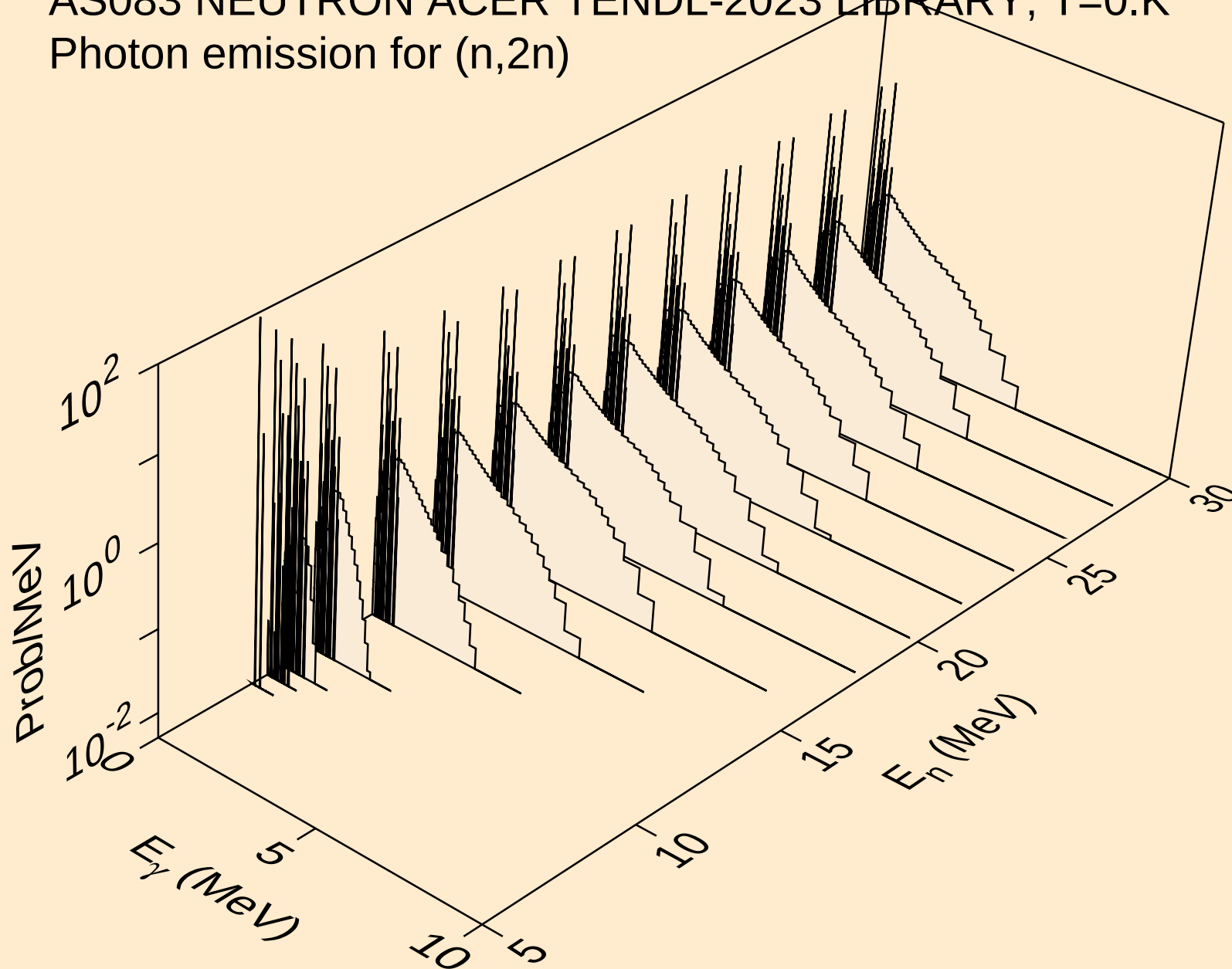
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



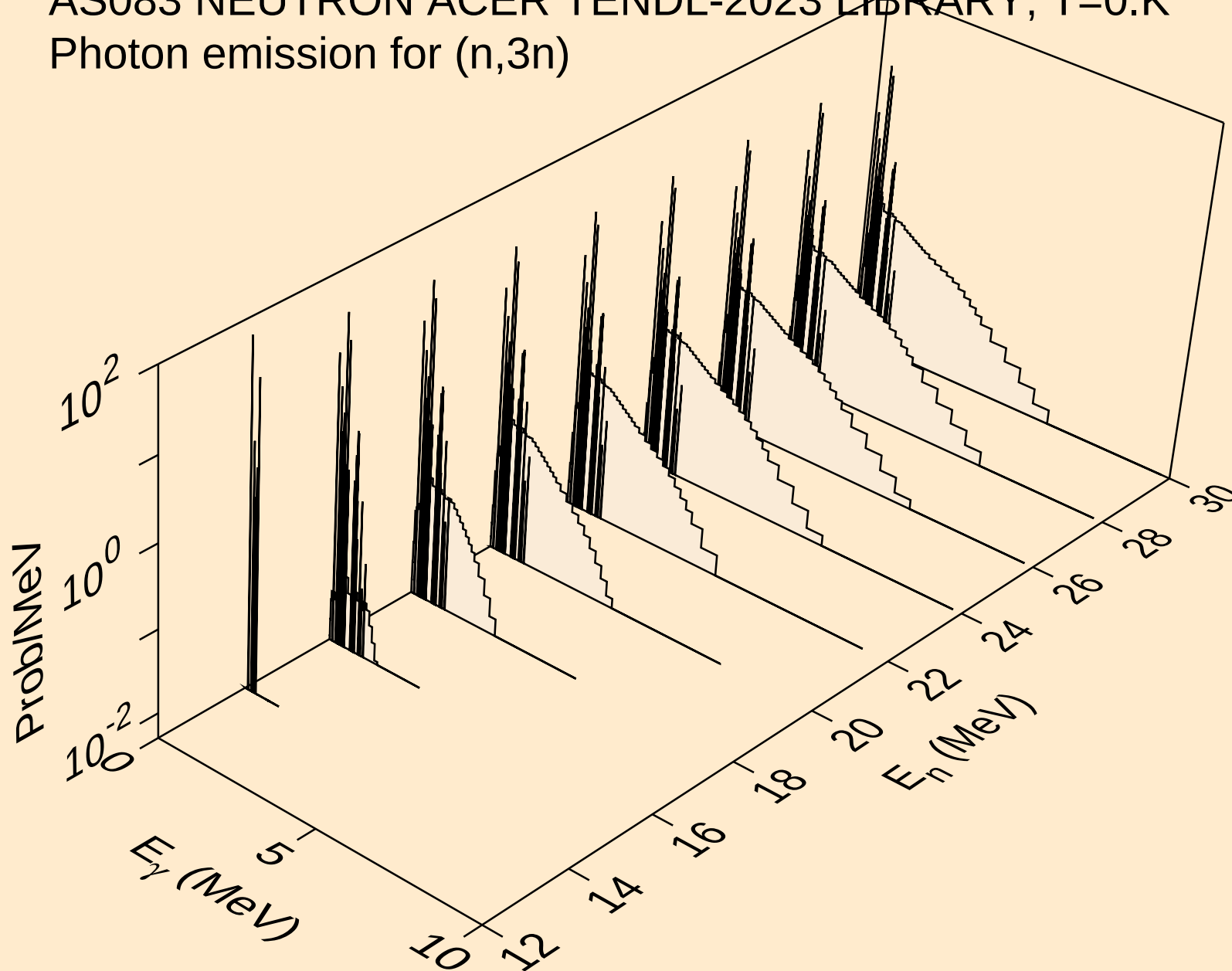
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

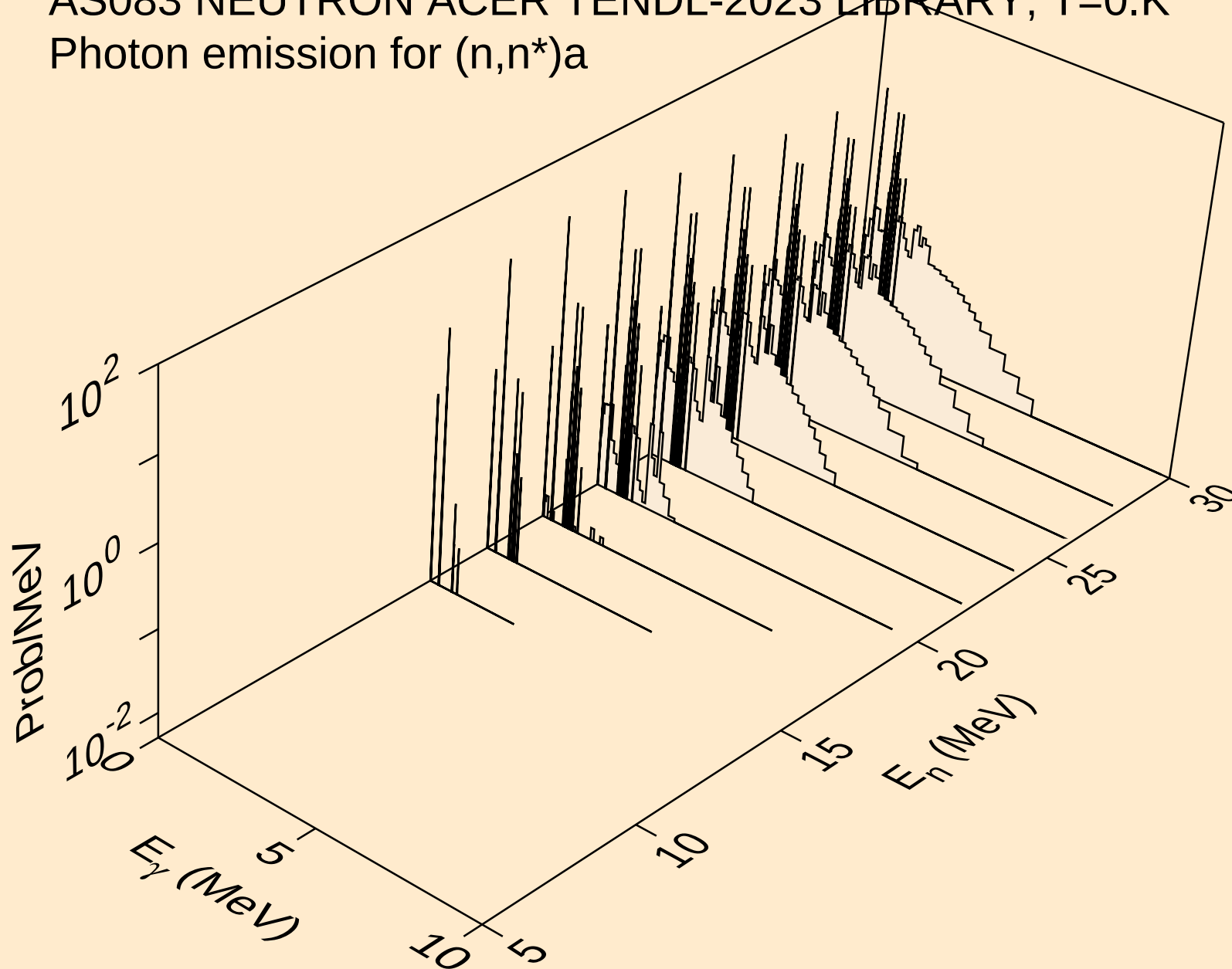


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



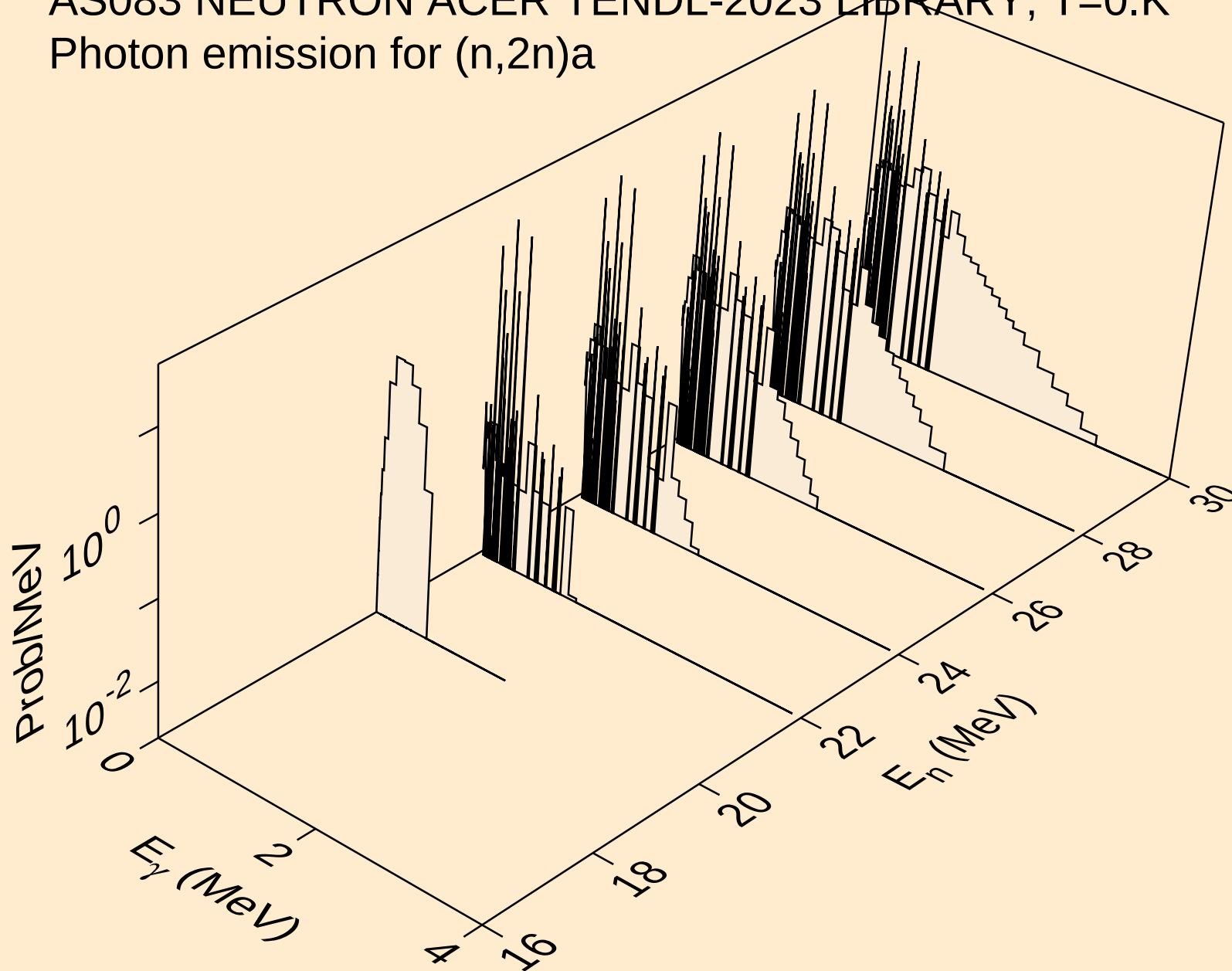
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



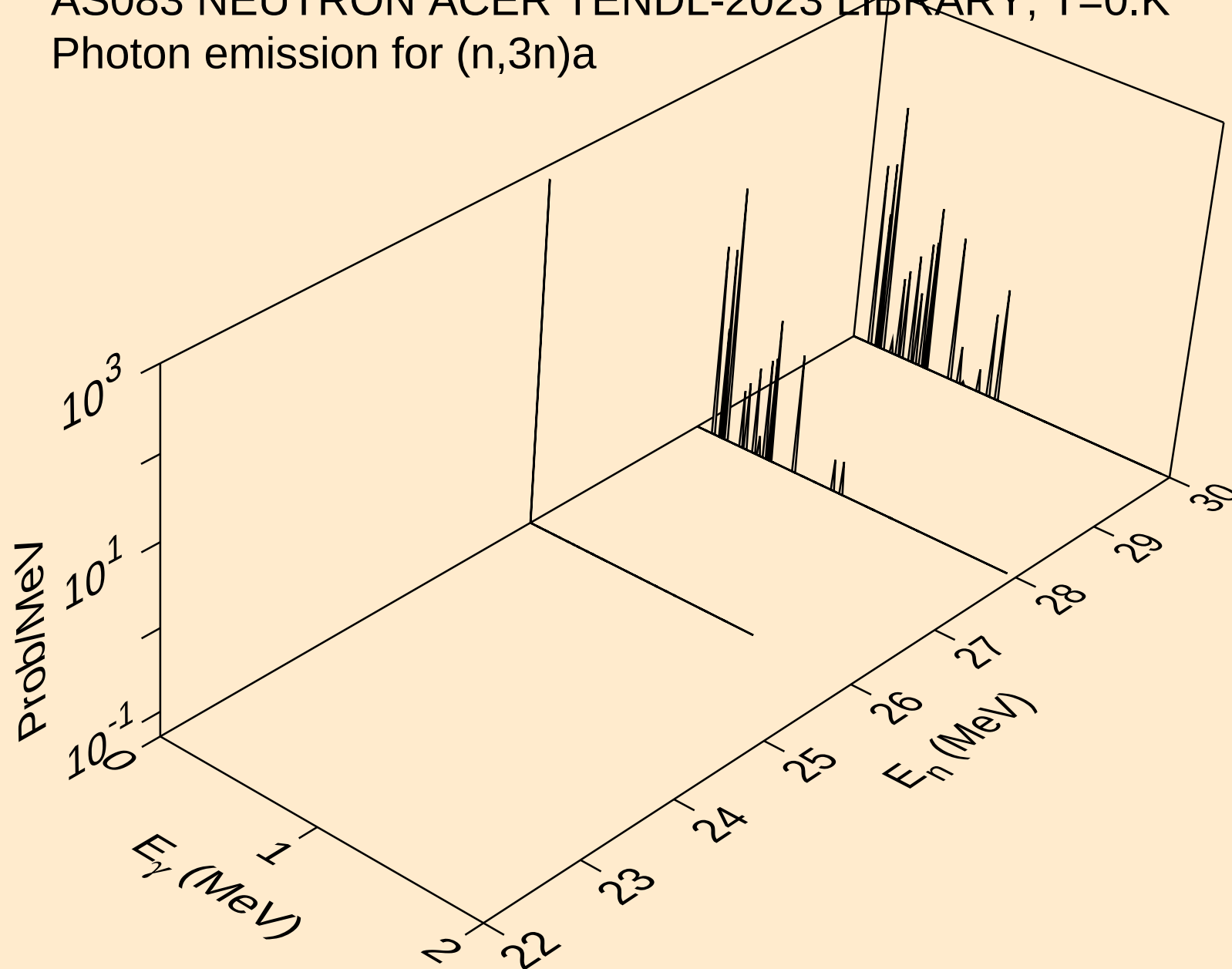
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



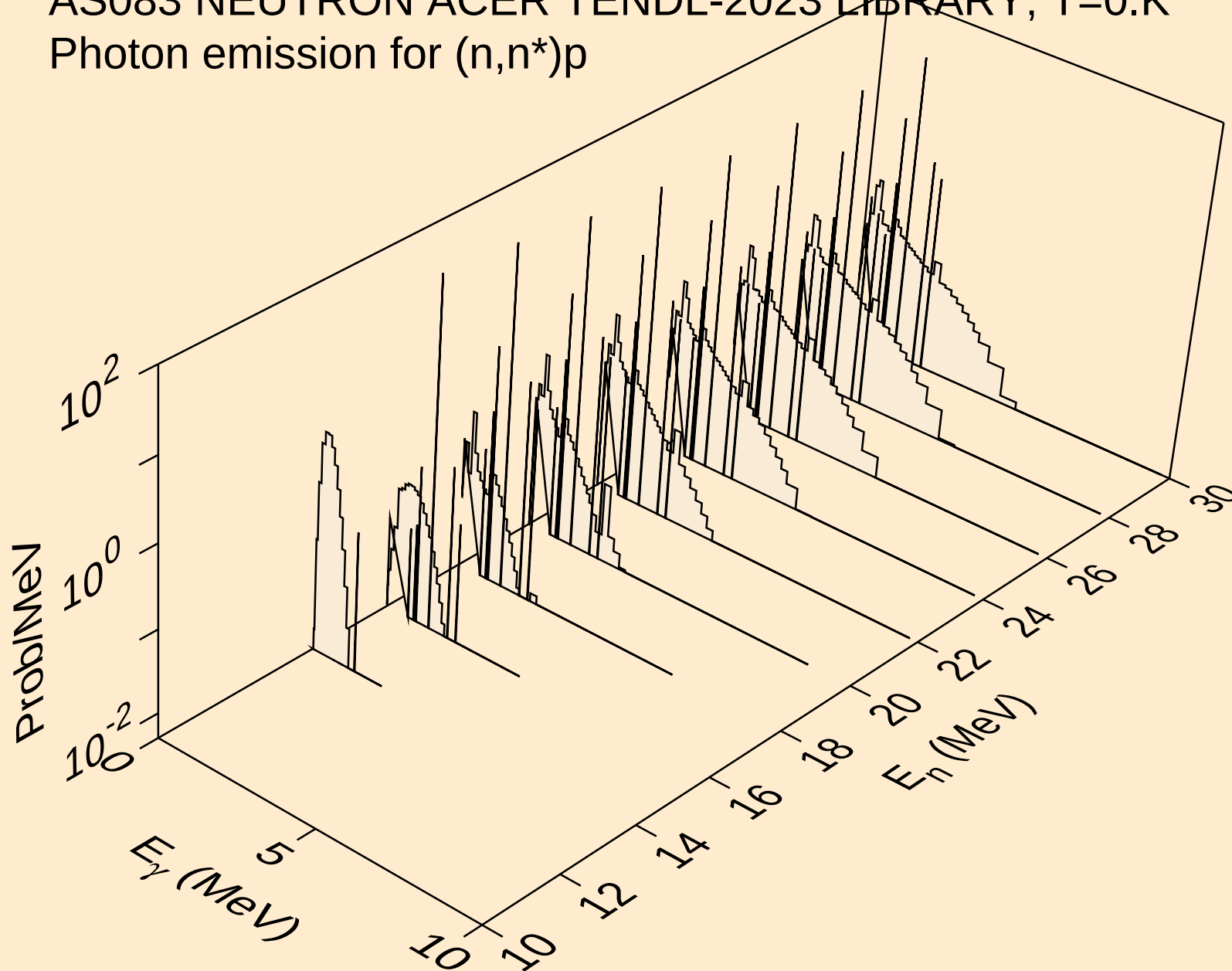
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) α



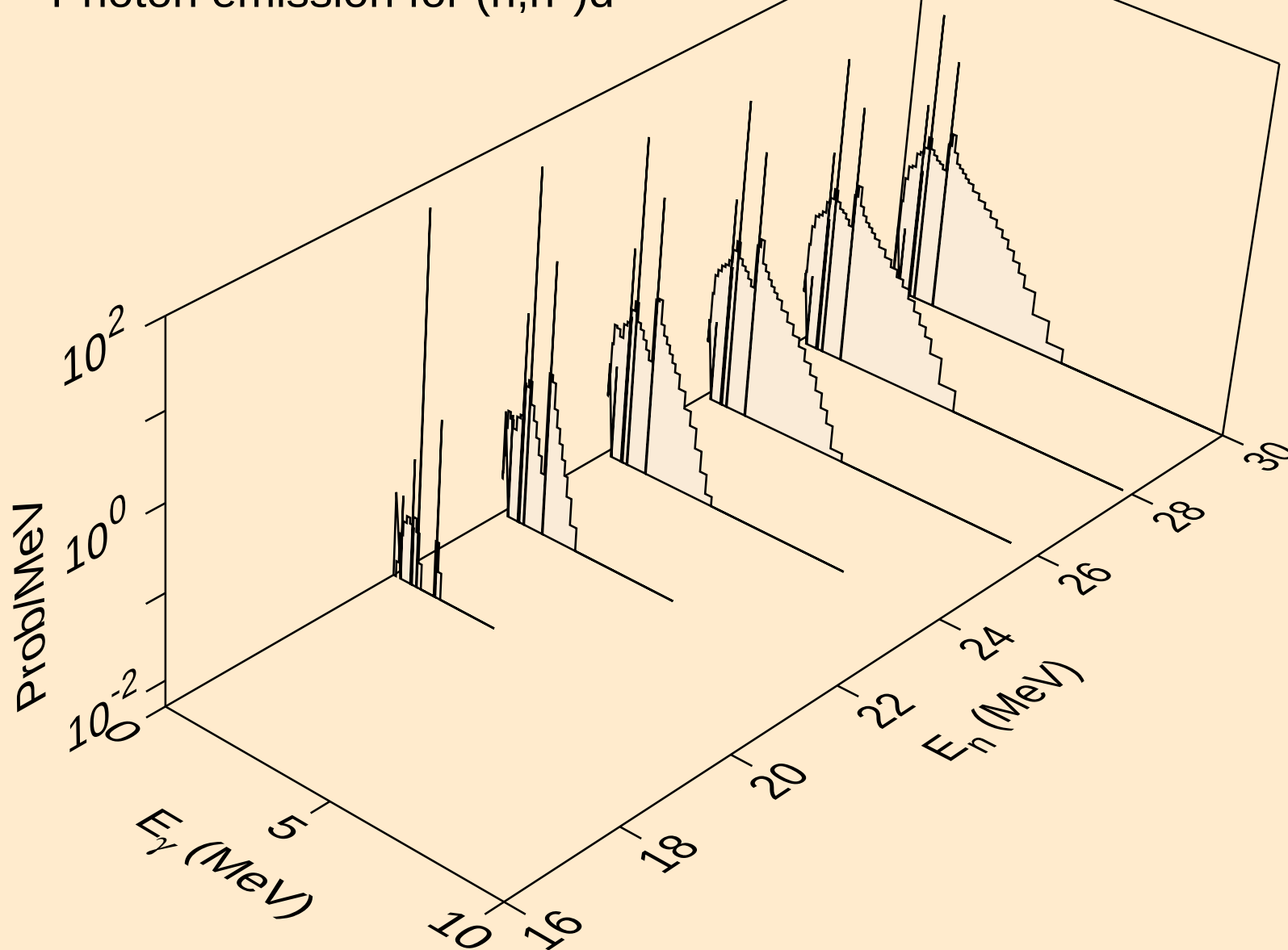
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



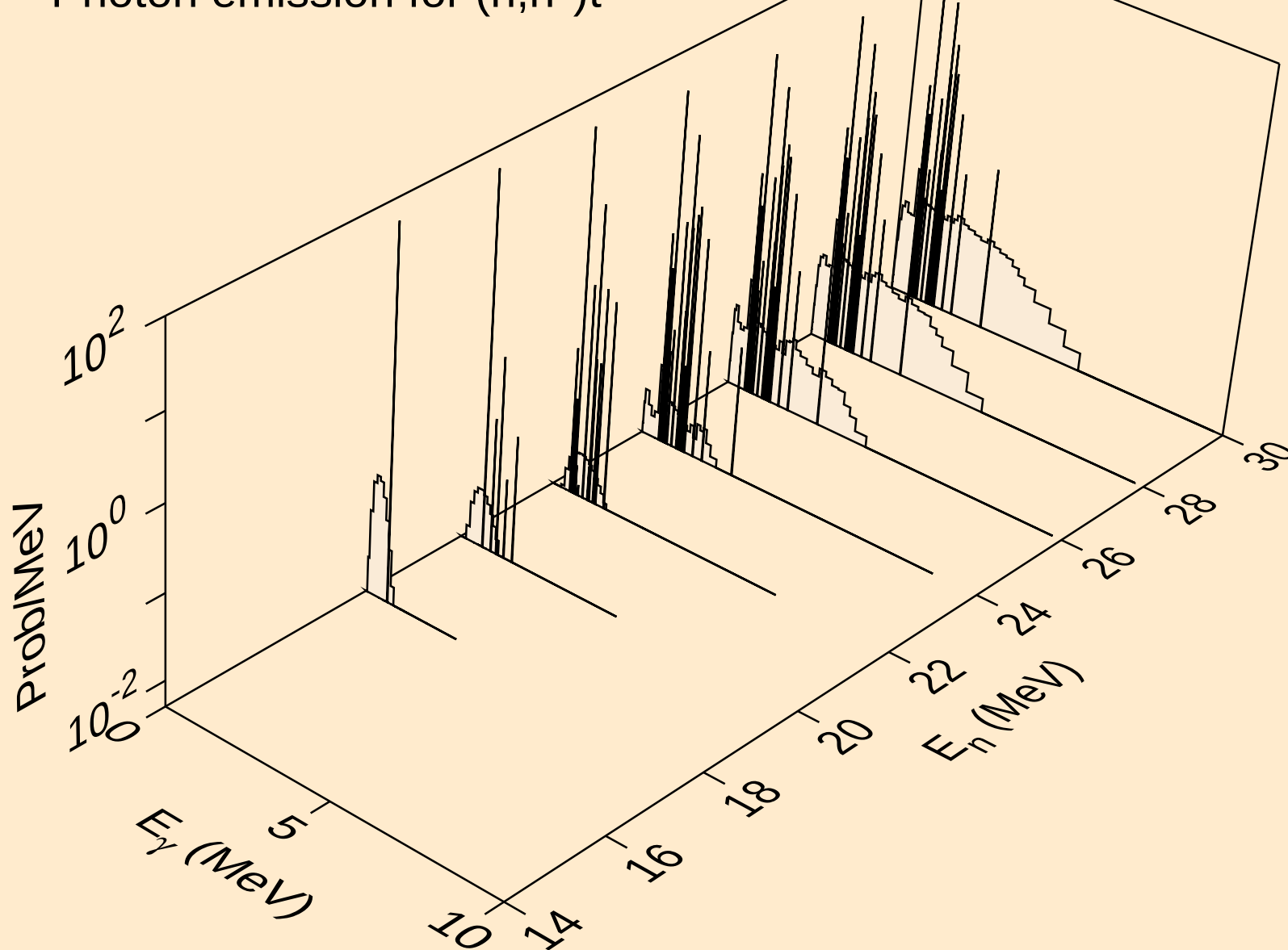
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

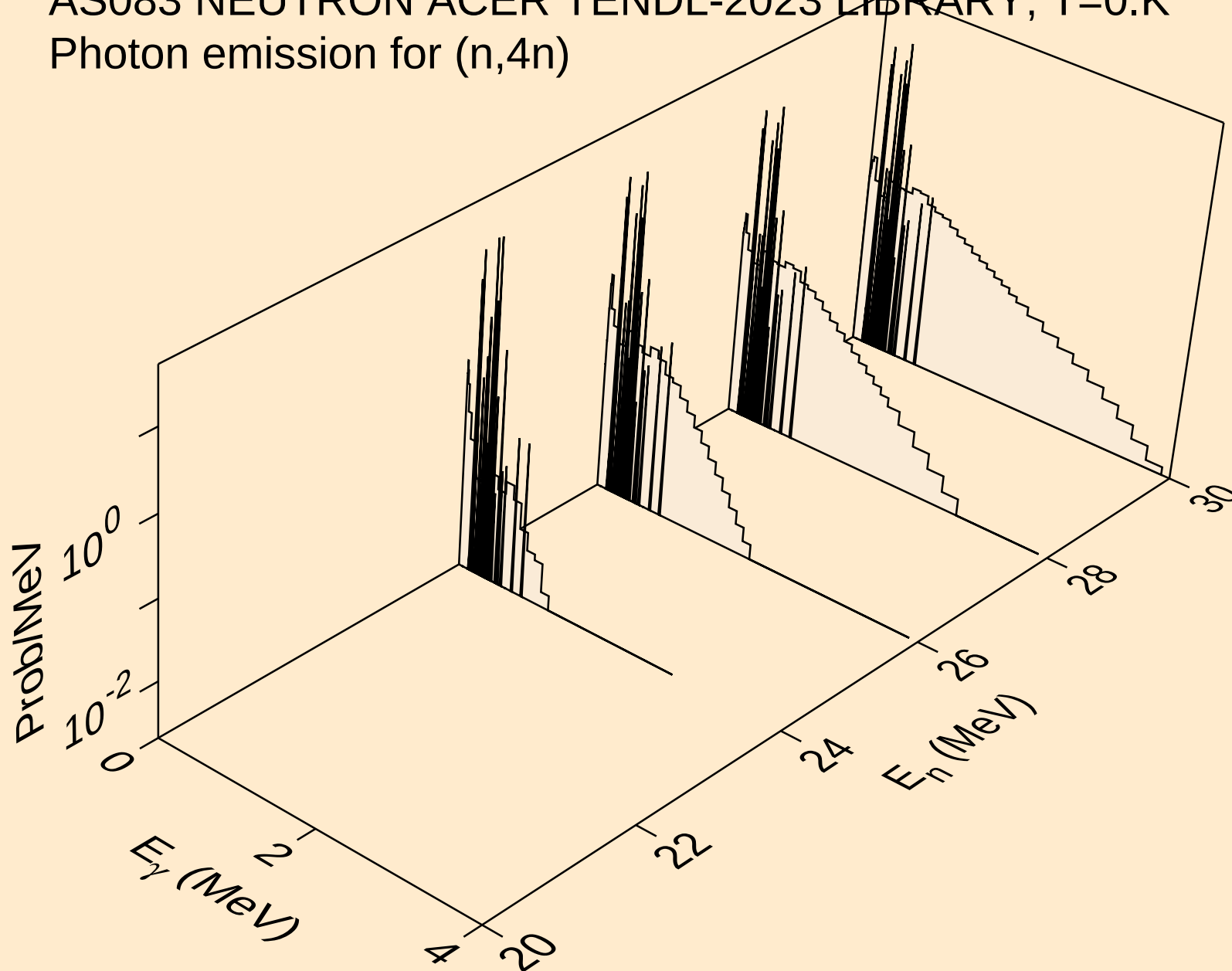


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

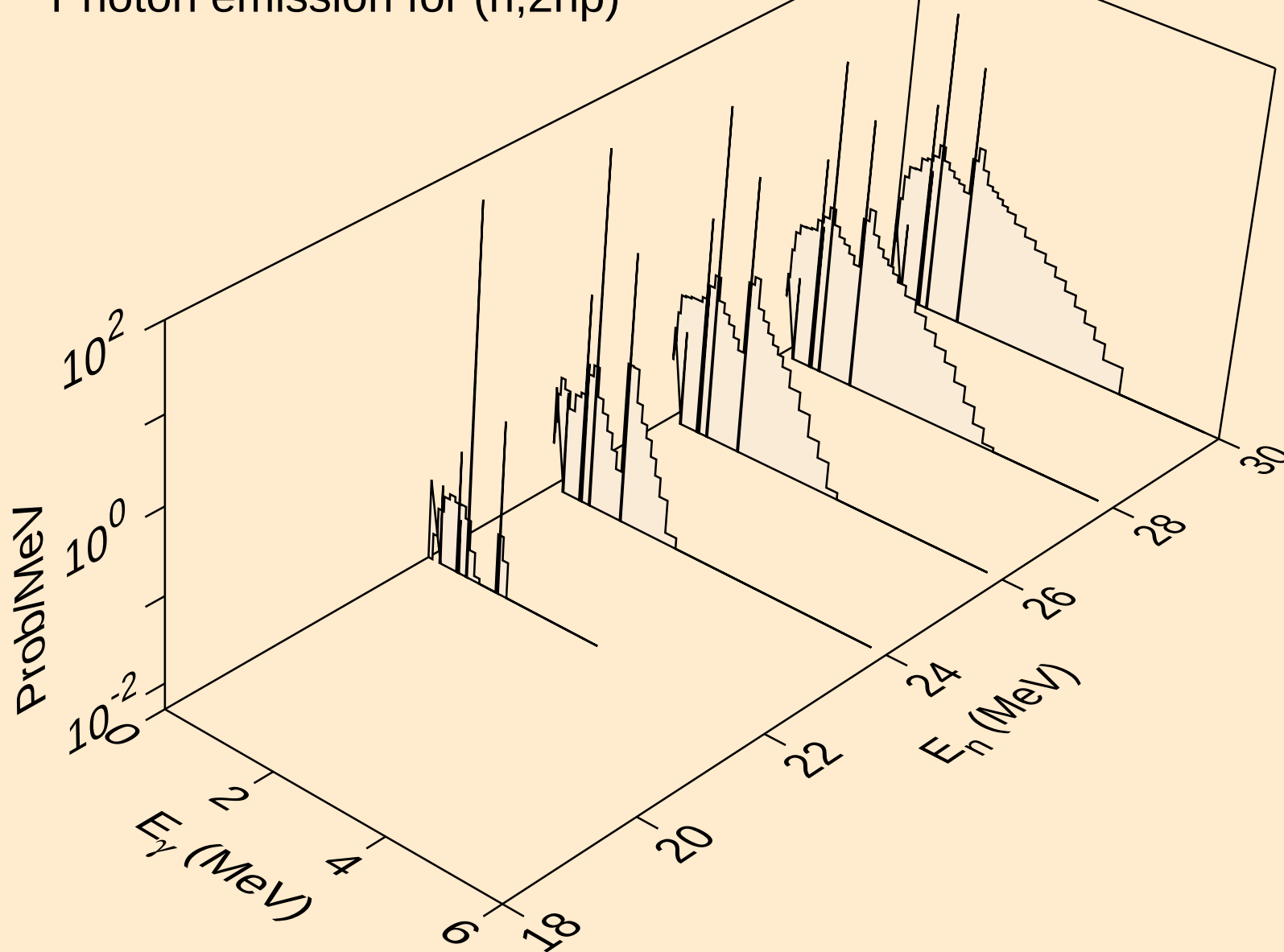
Photon emission for (n,n*)t



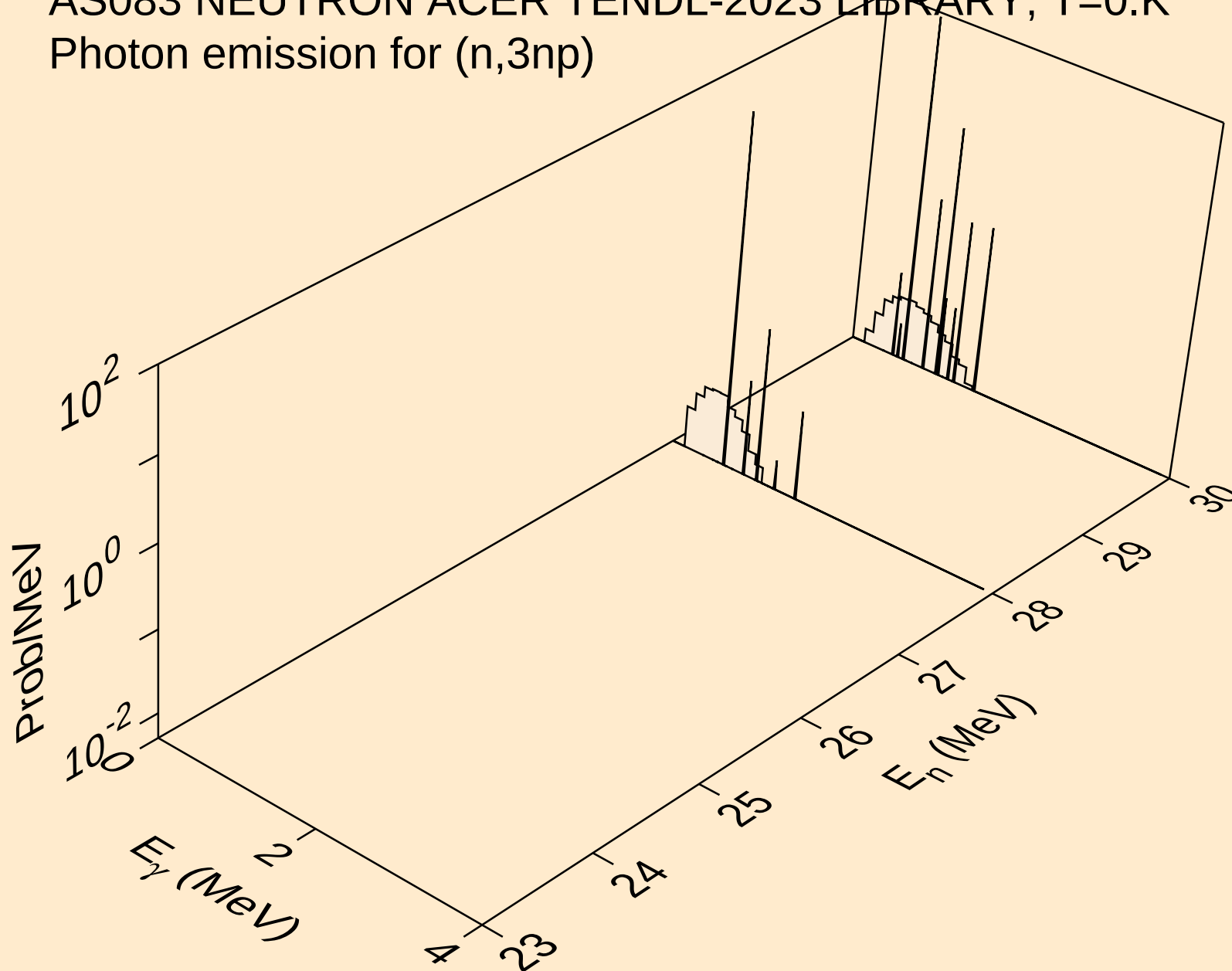
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



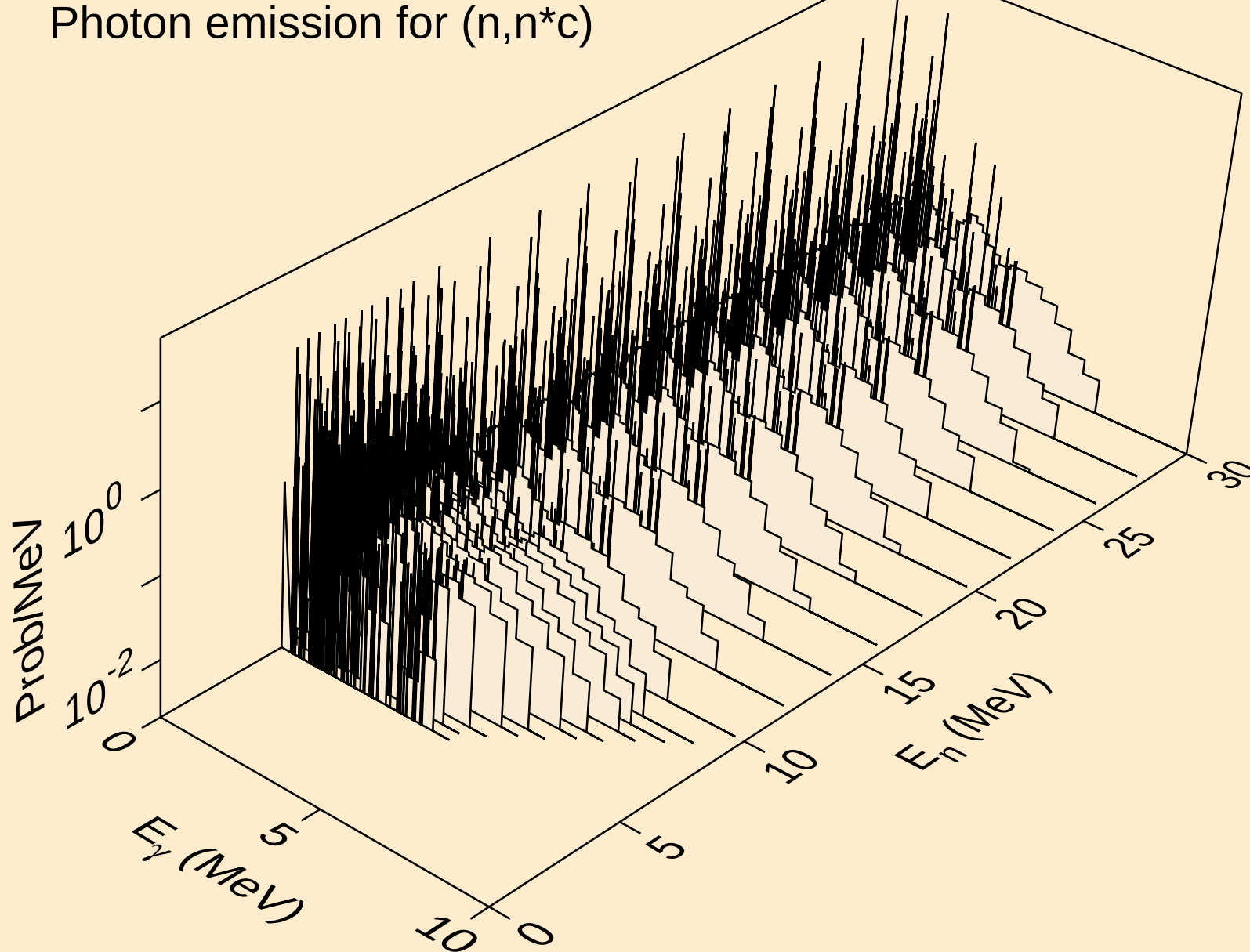
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Photon emission for (n,2np)



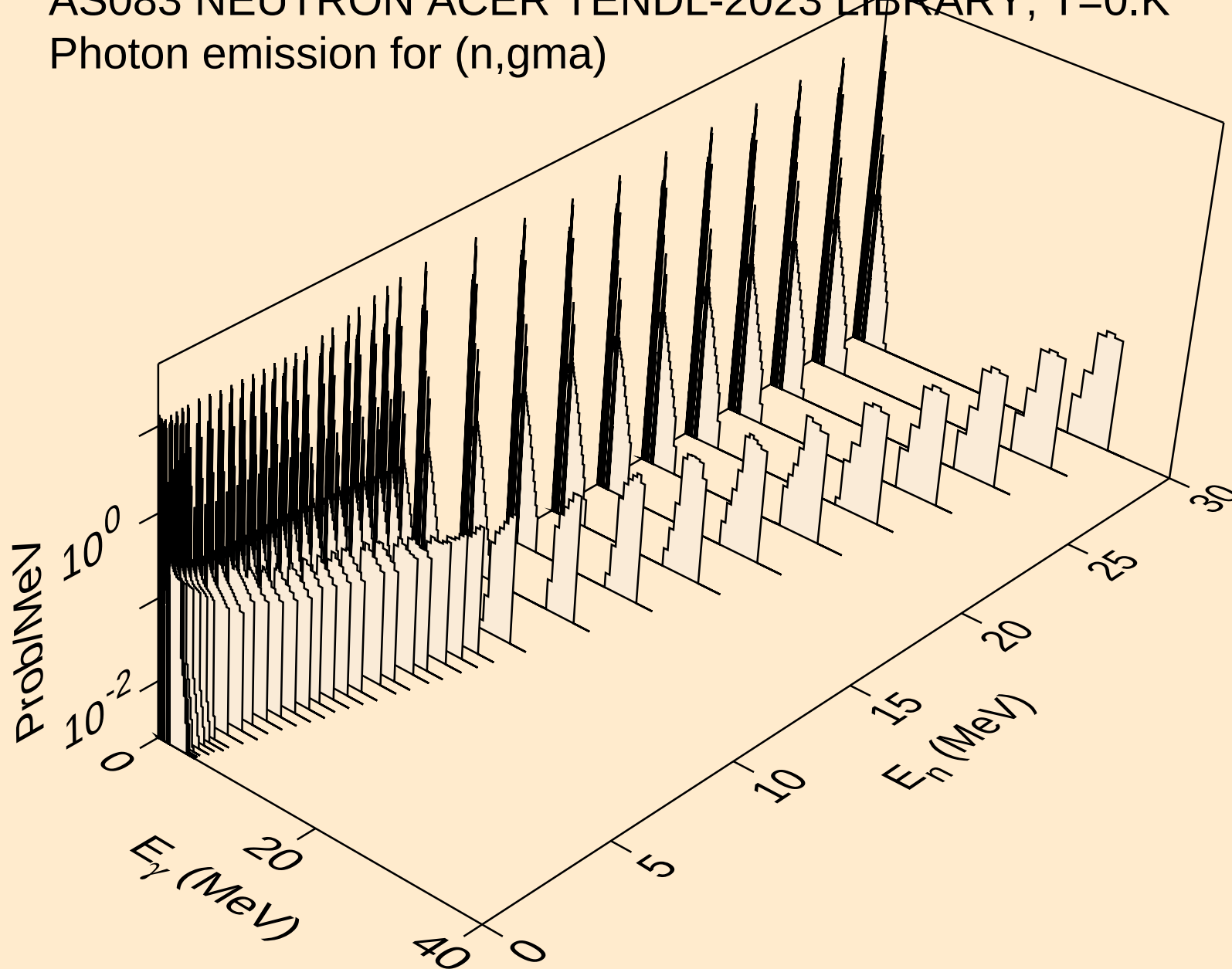
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



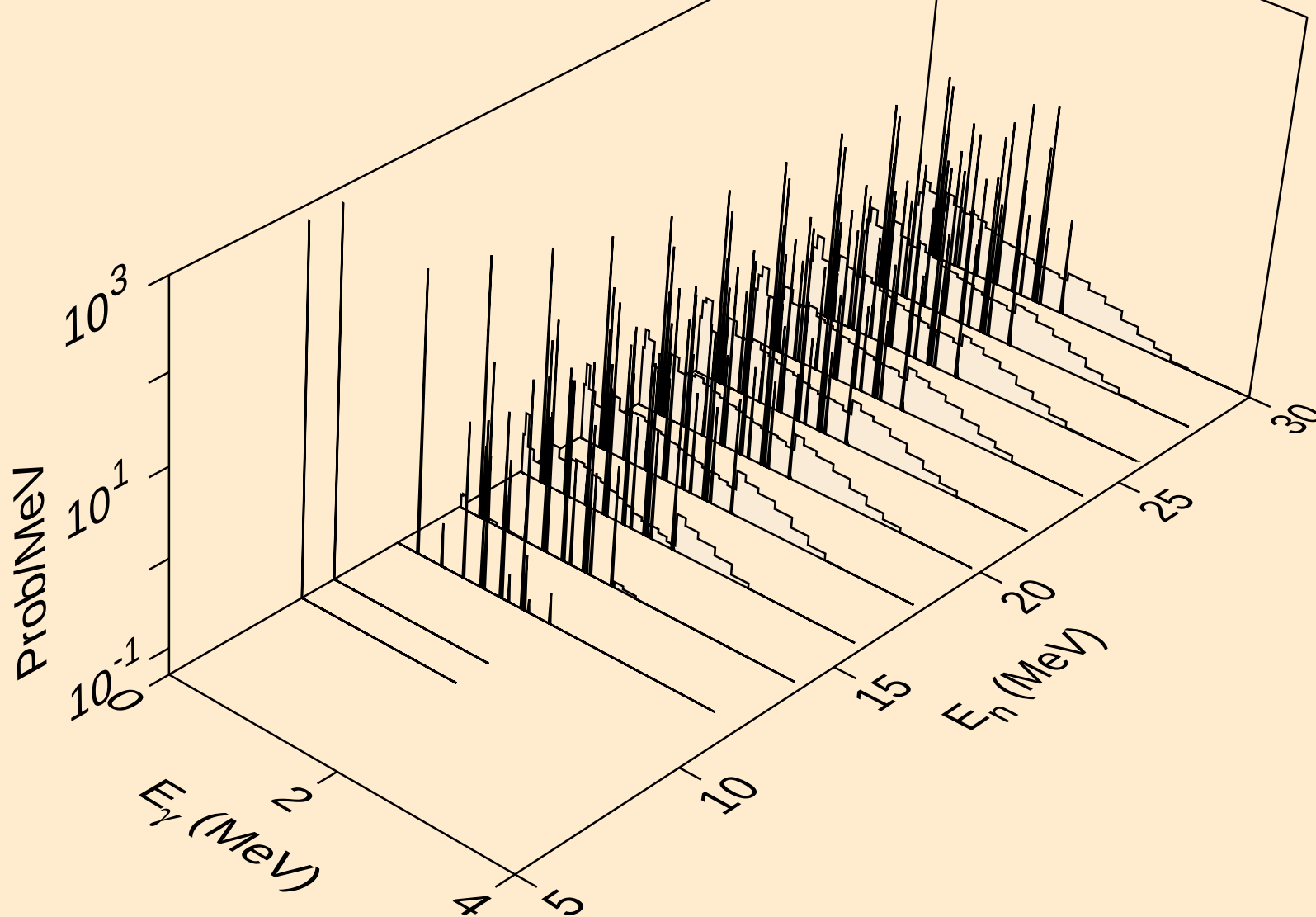
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Photon emission for (n,n*c)



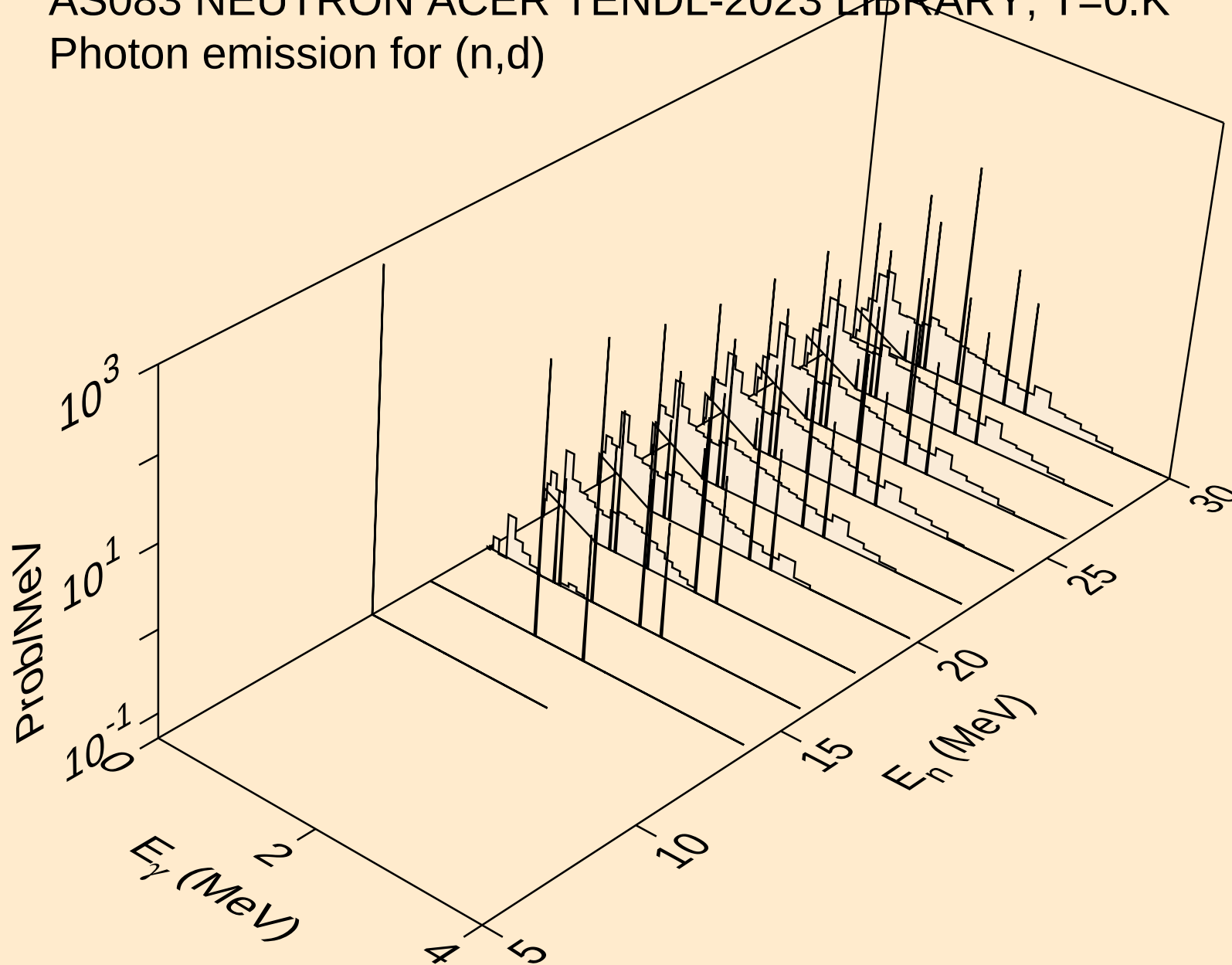
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Photon emission for (n,gma)



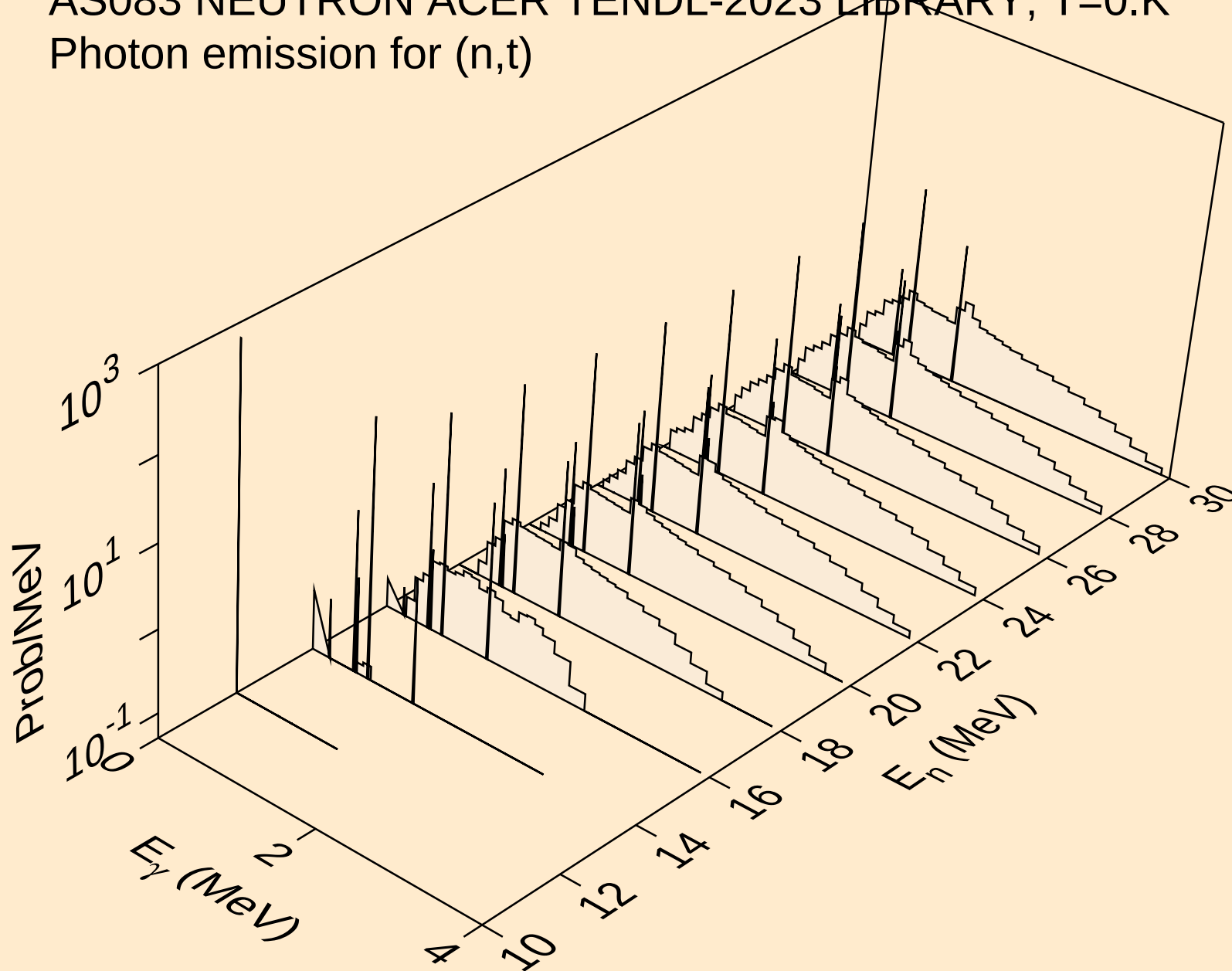
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



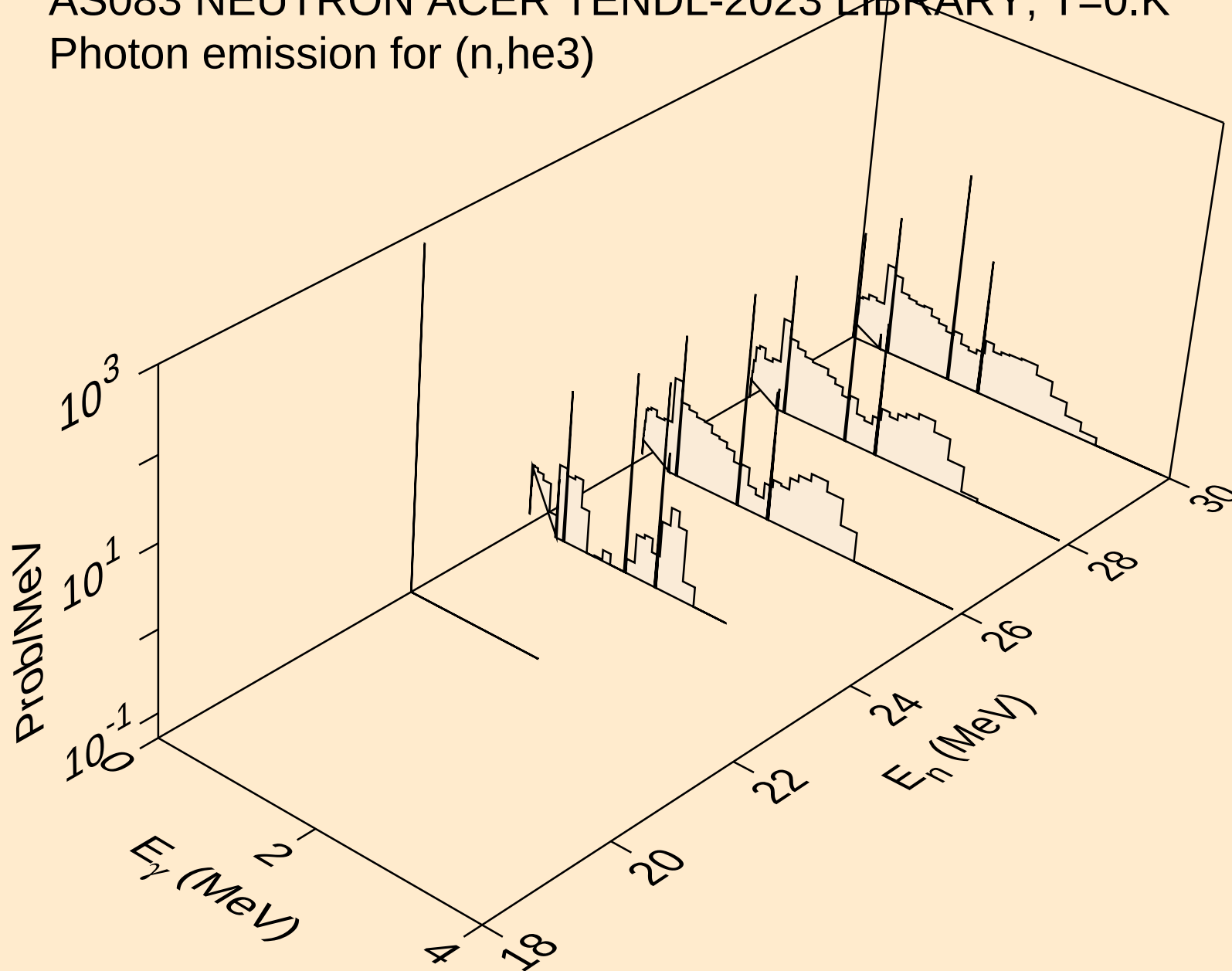
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



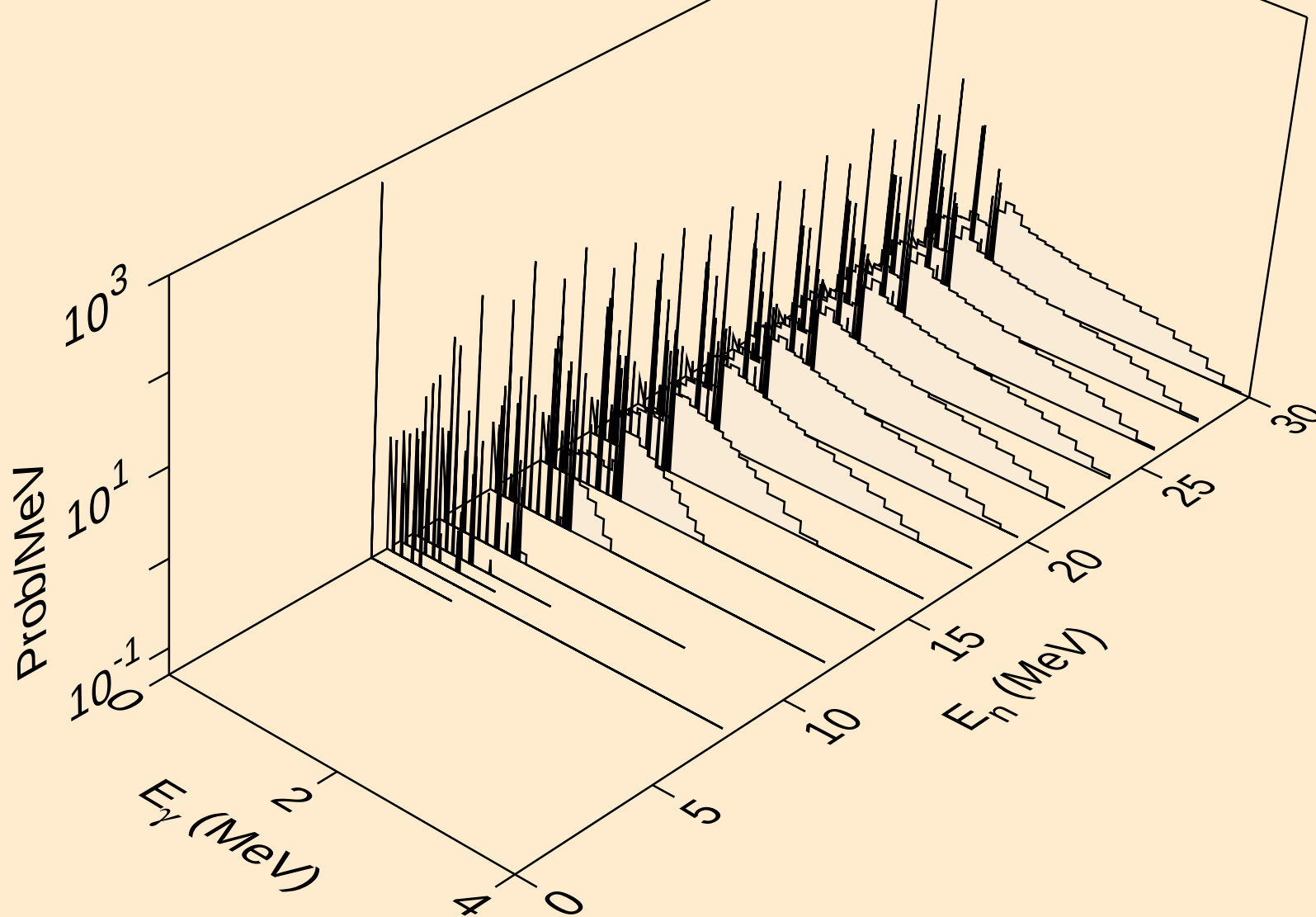
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



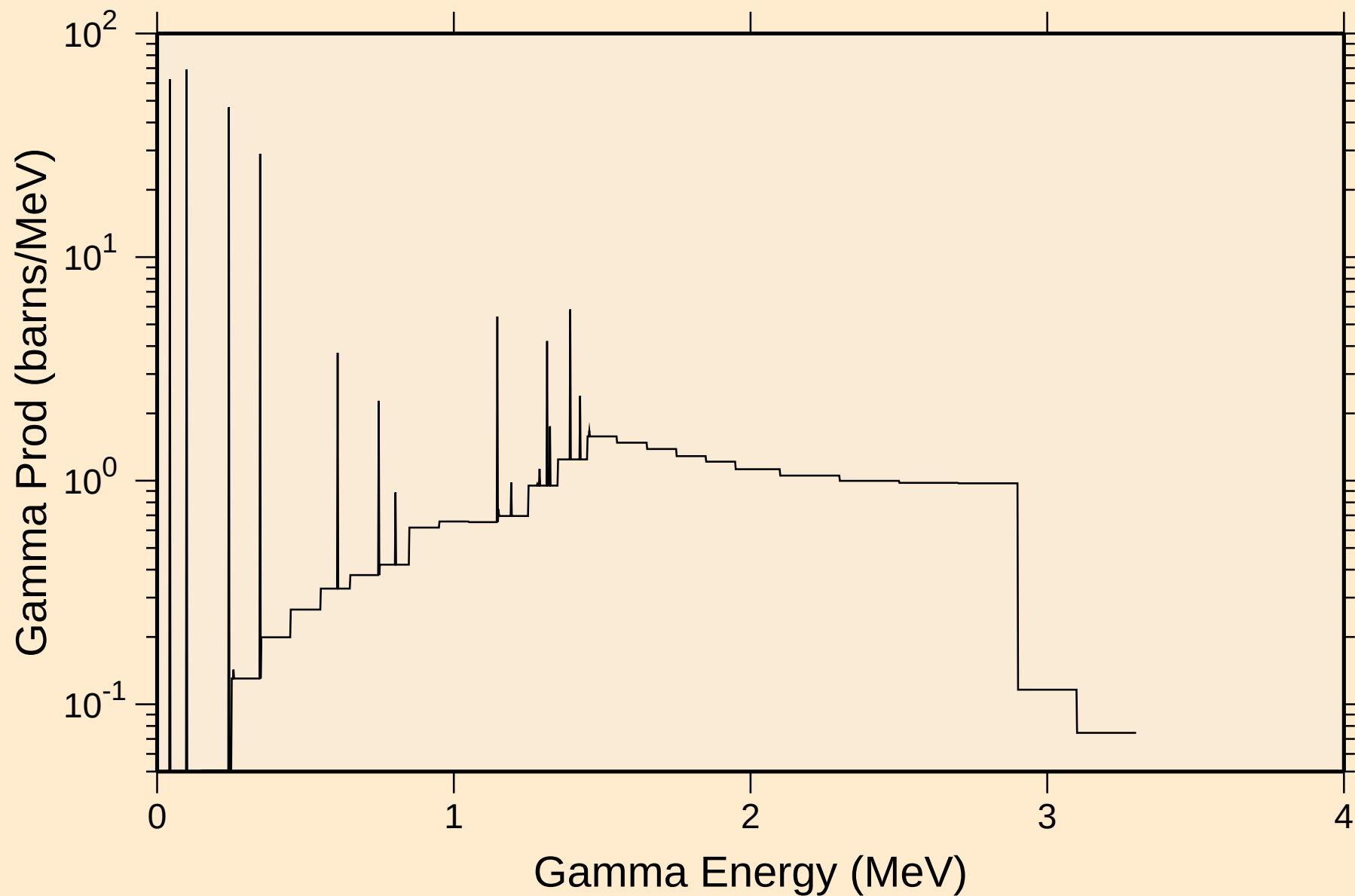
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



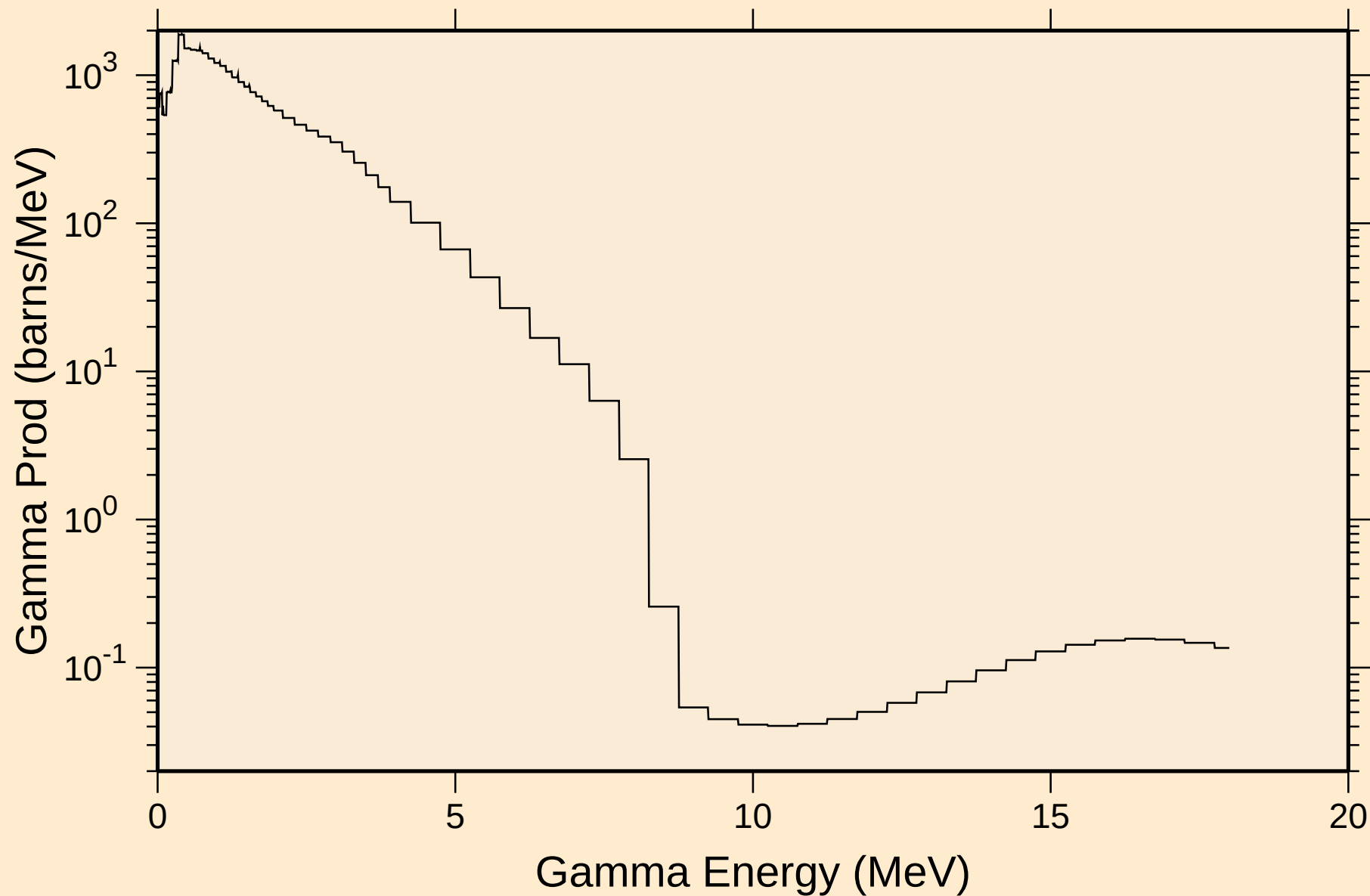
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

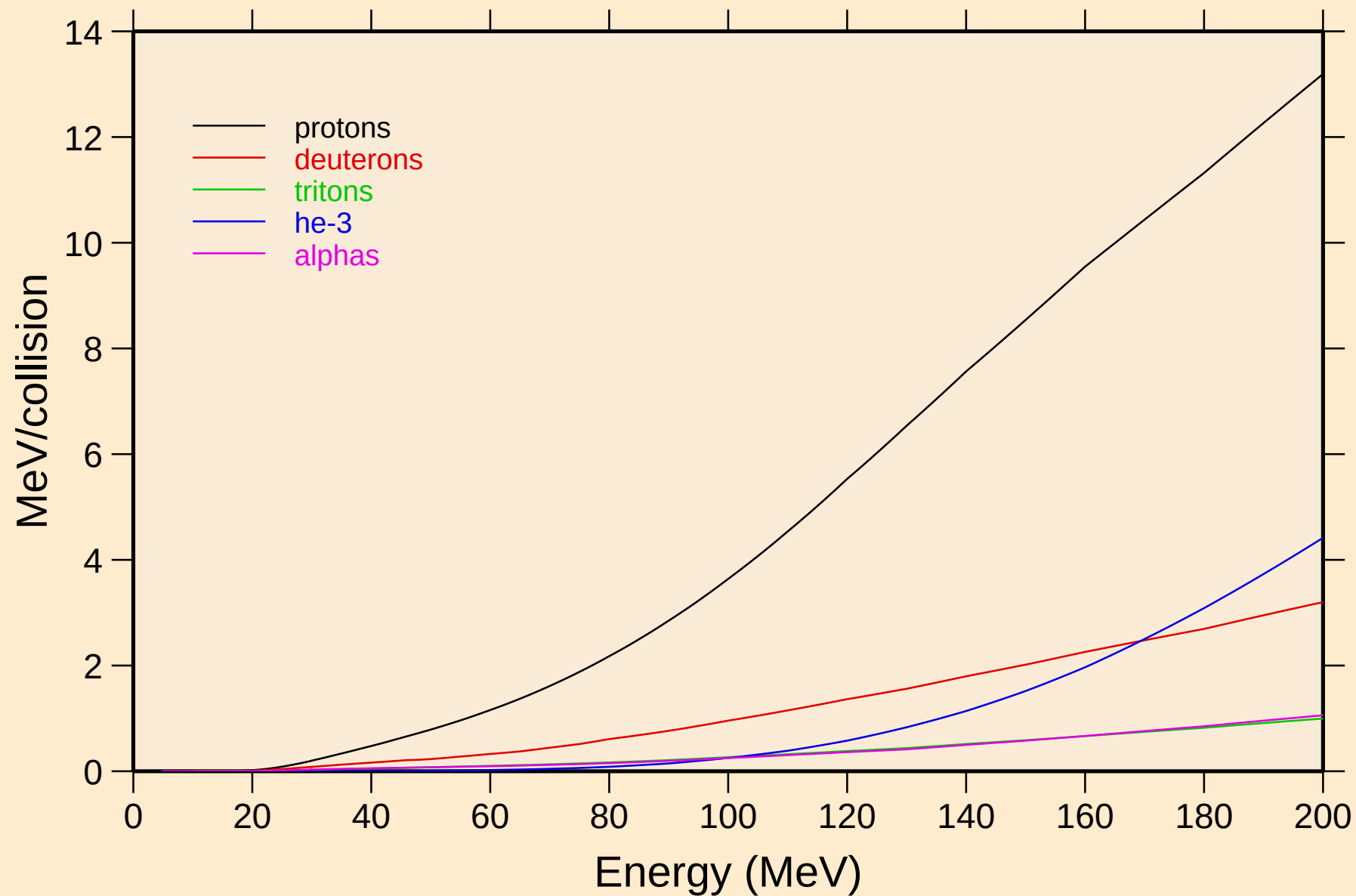


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

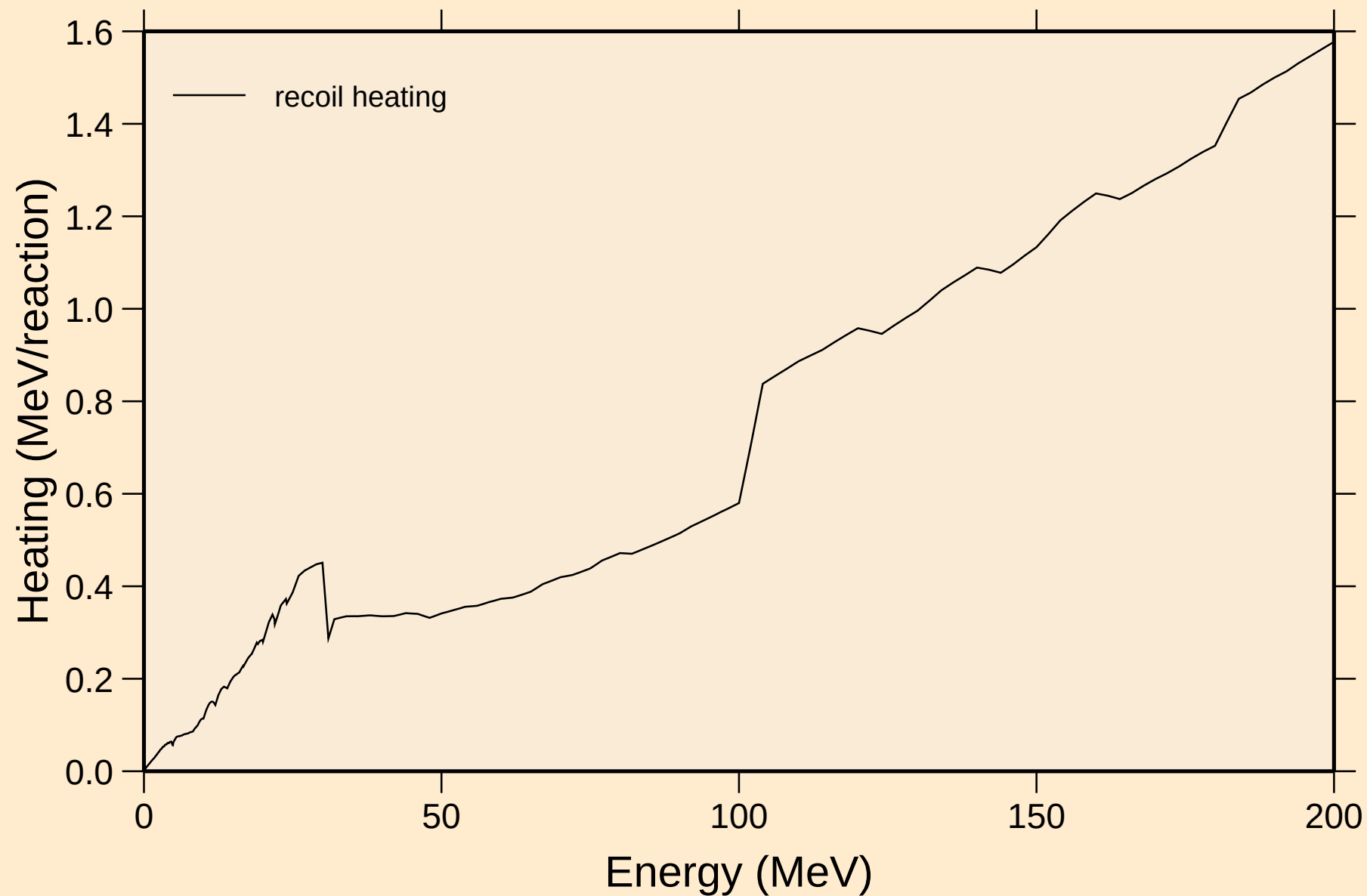


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

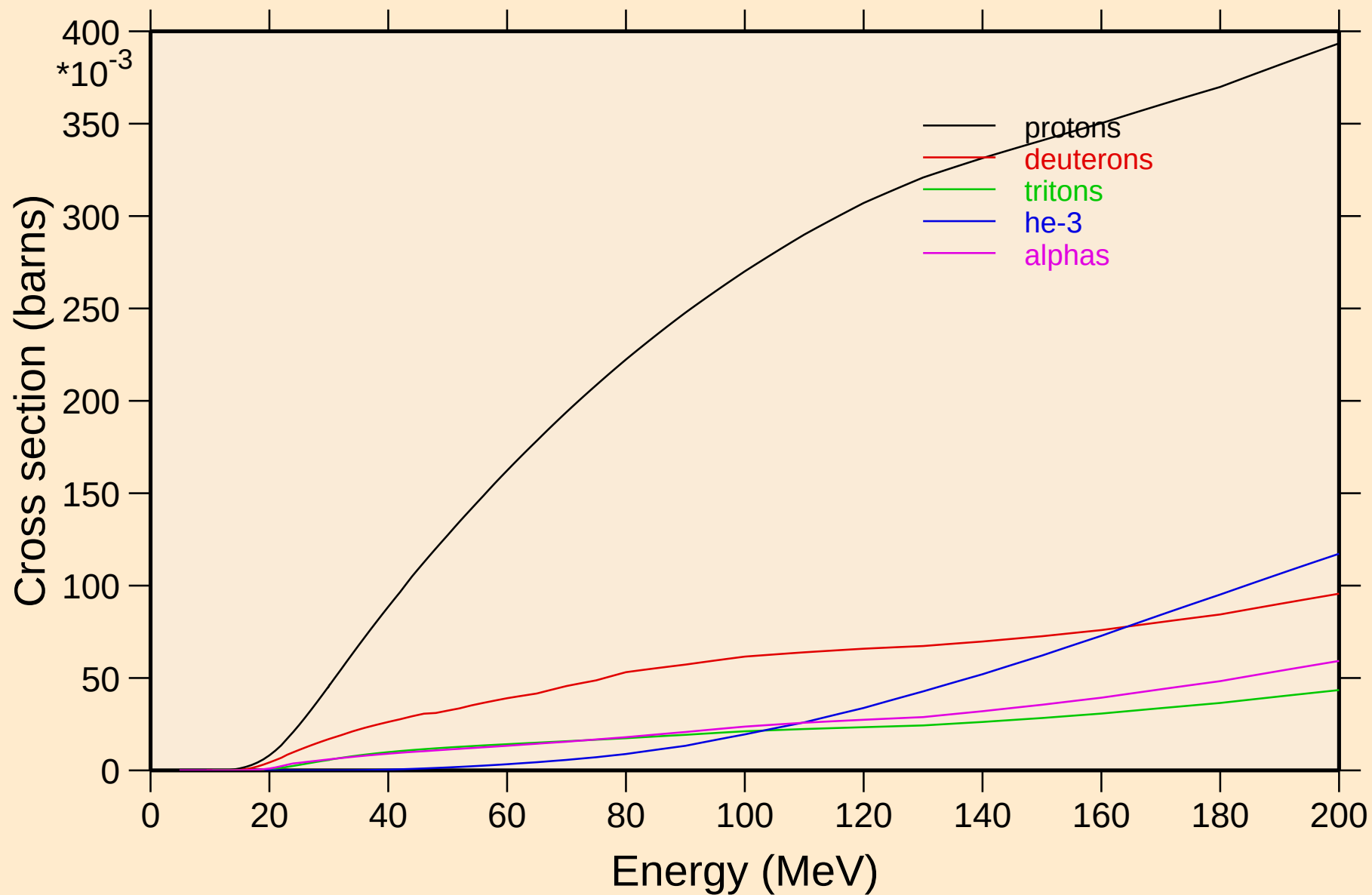


AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

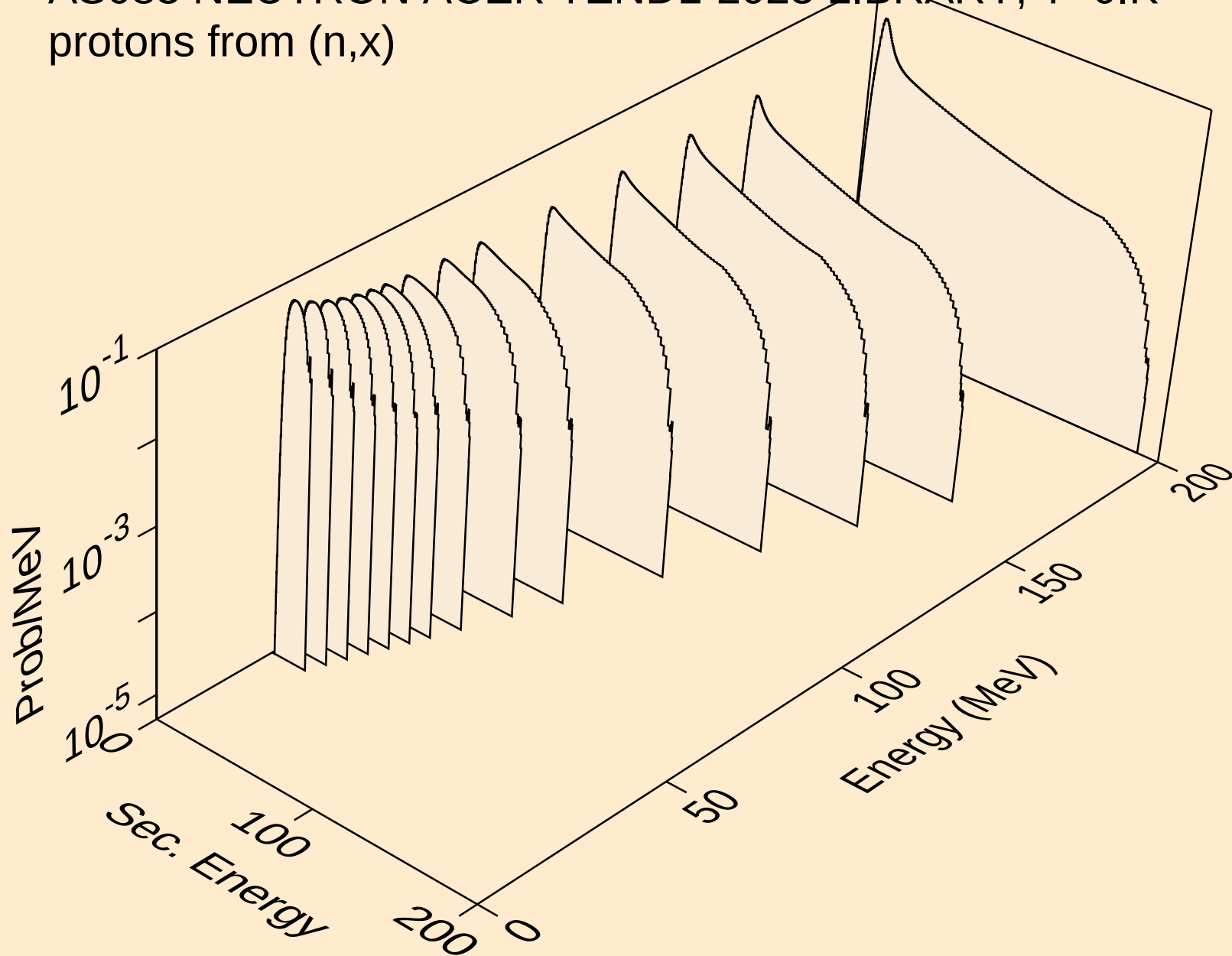


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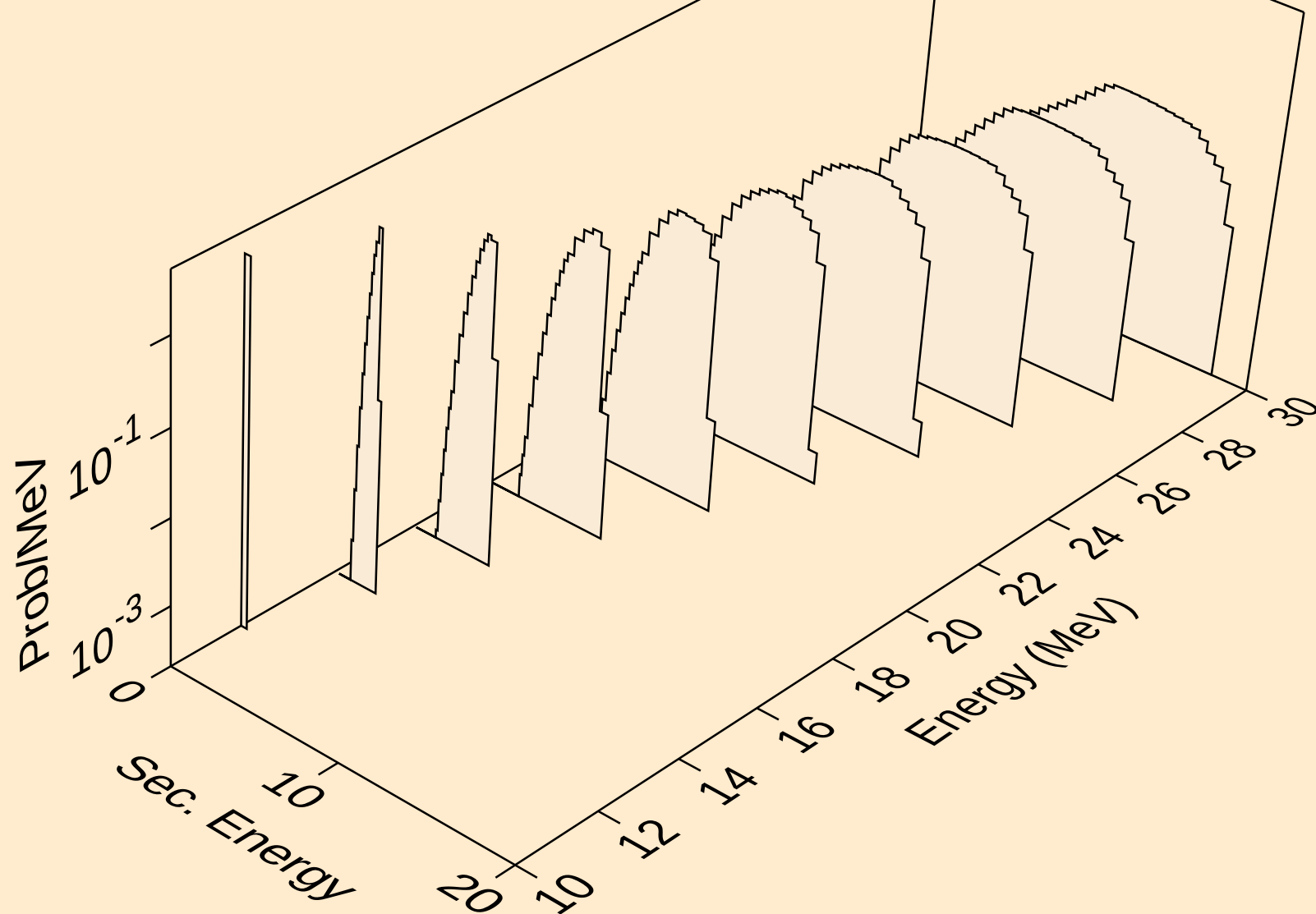
Particle production cross sections



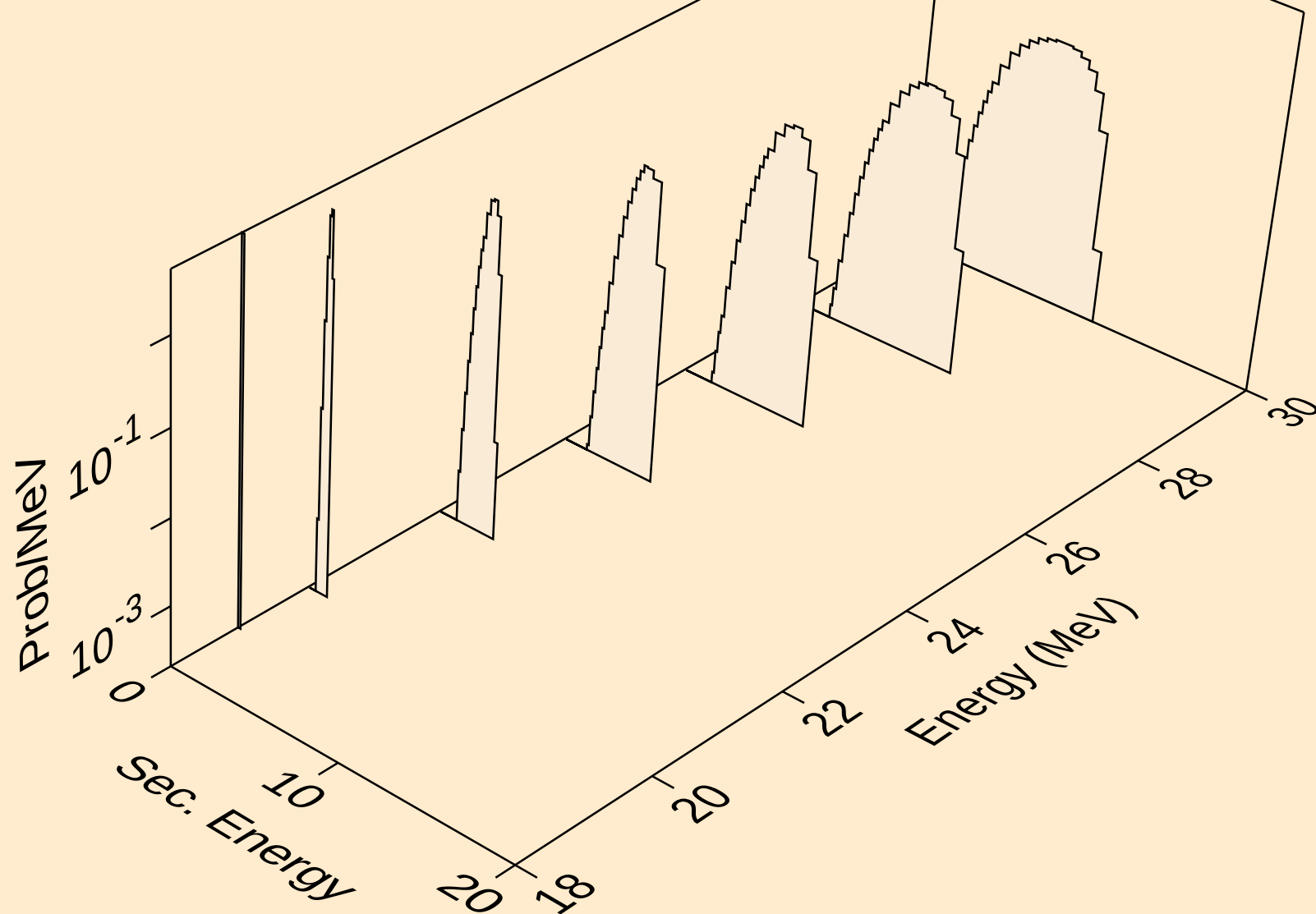
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



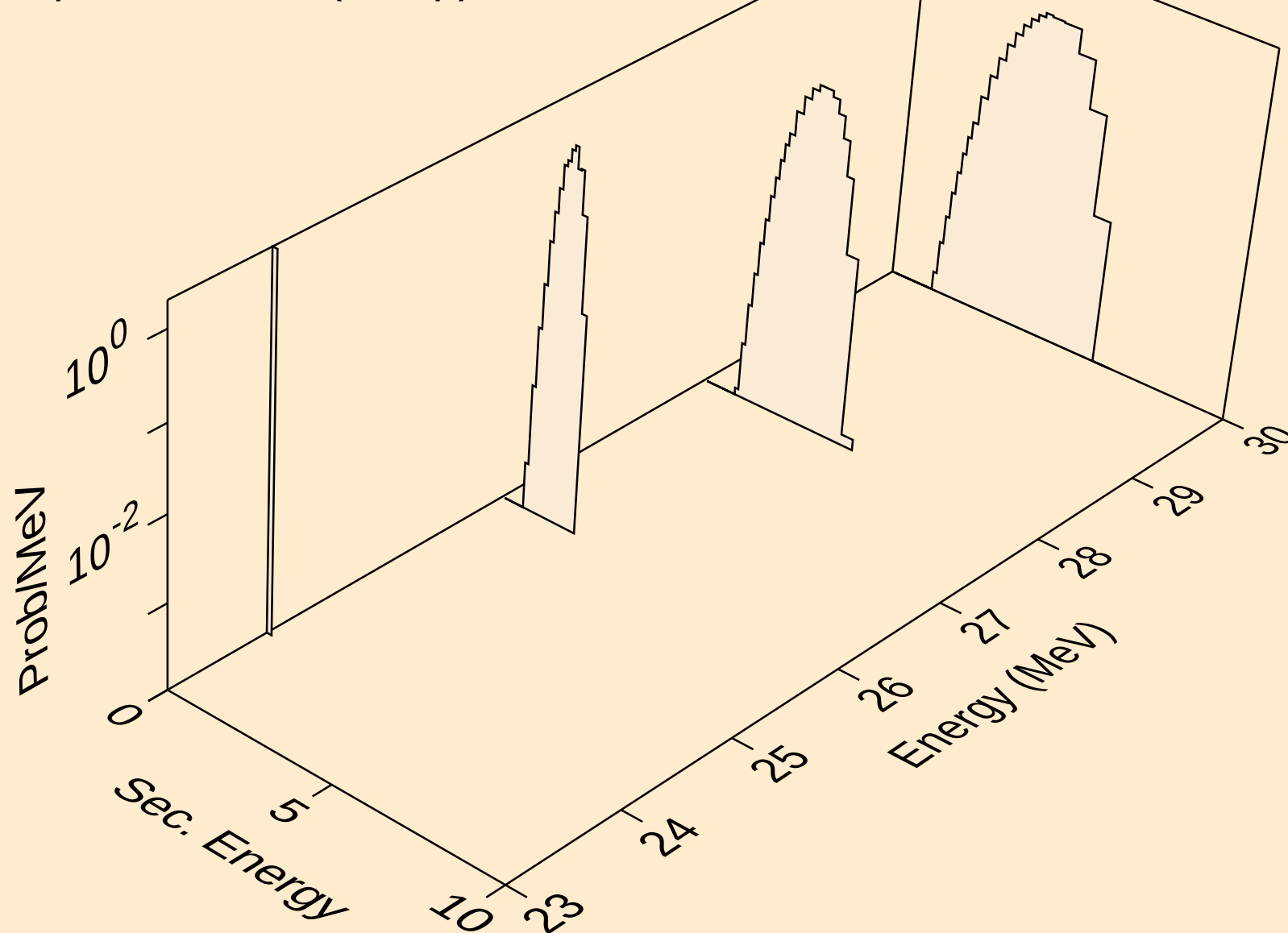
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



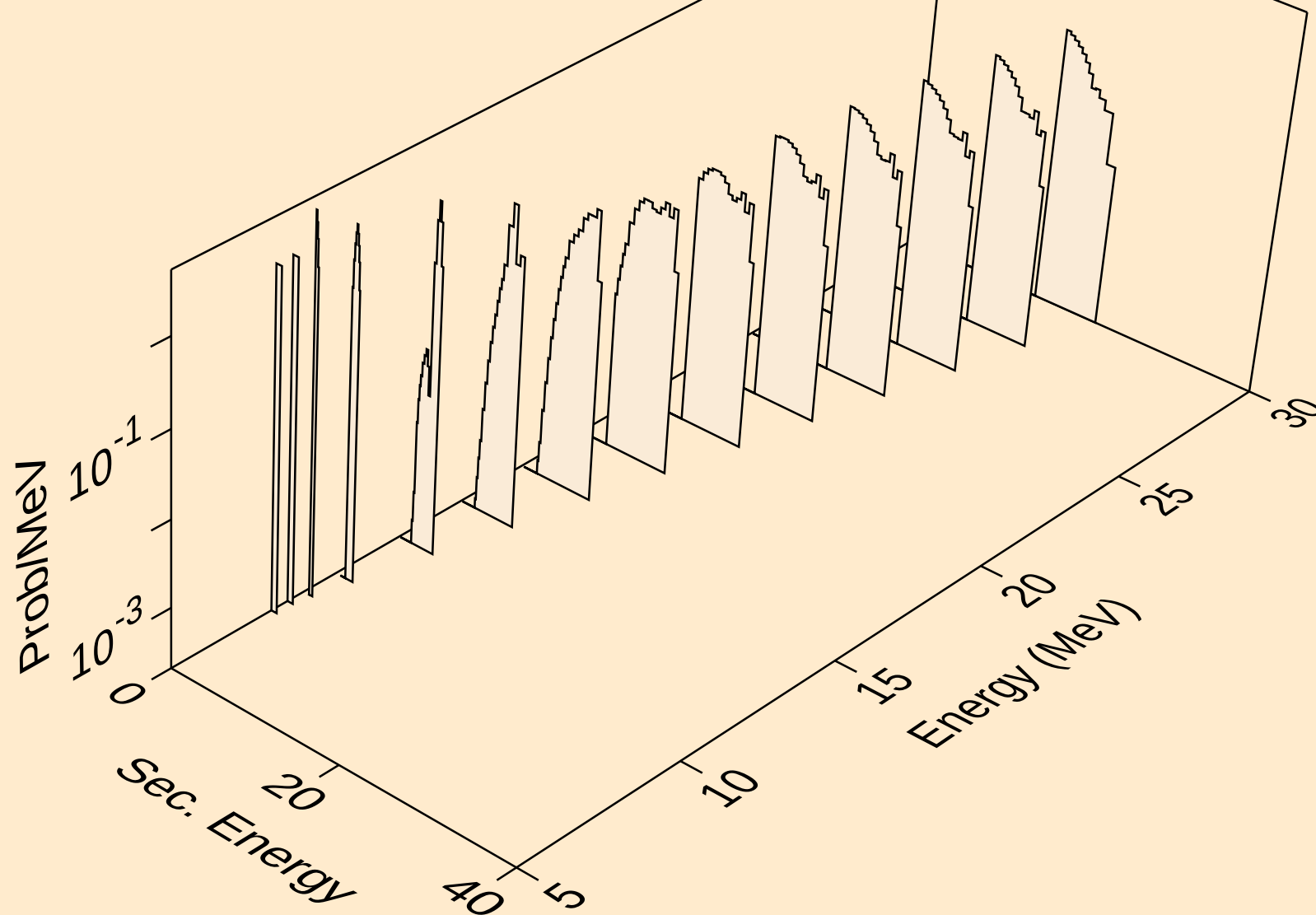
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protons from (n,2np)



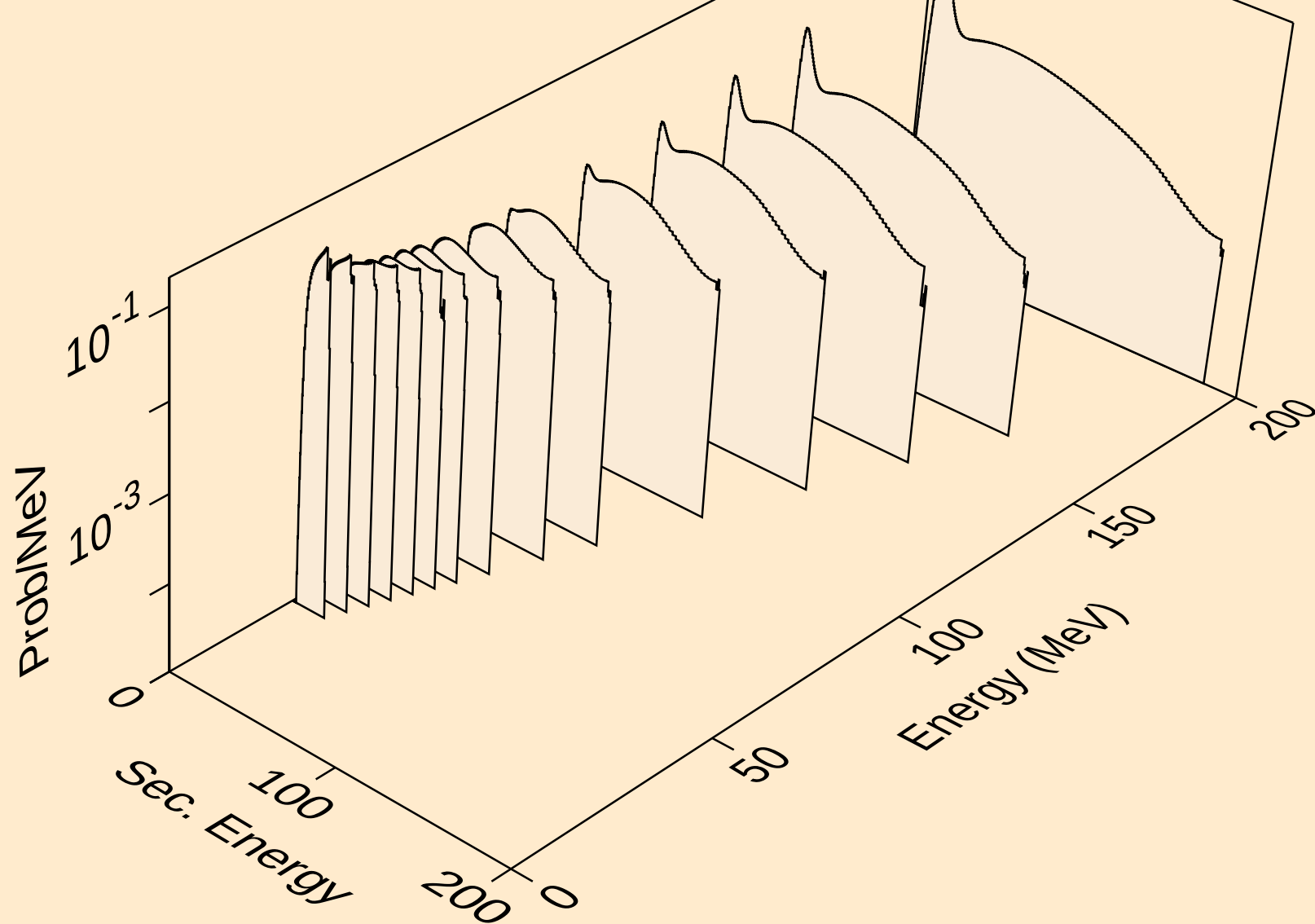
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protons from (n,3np)



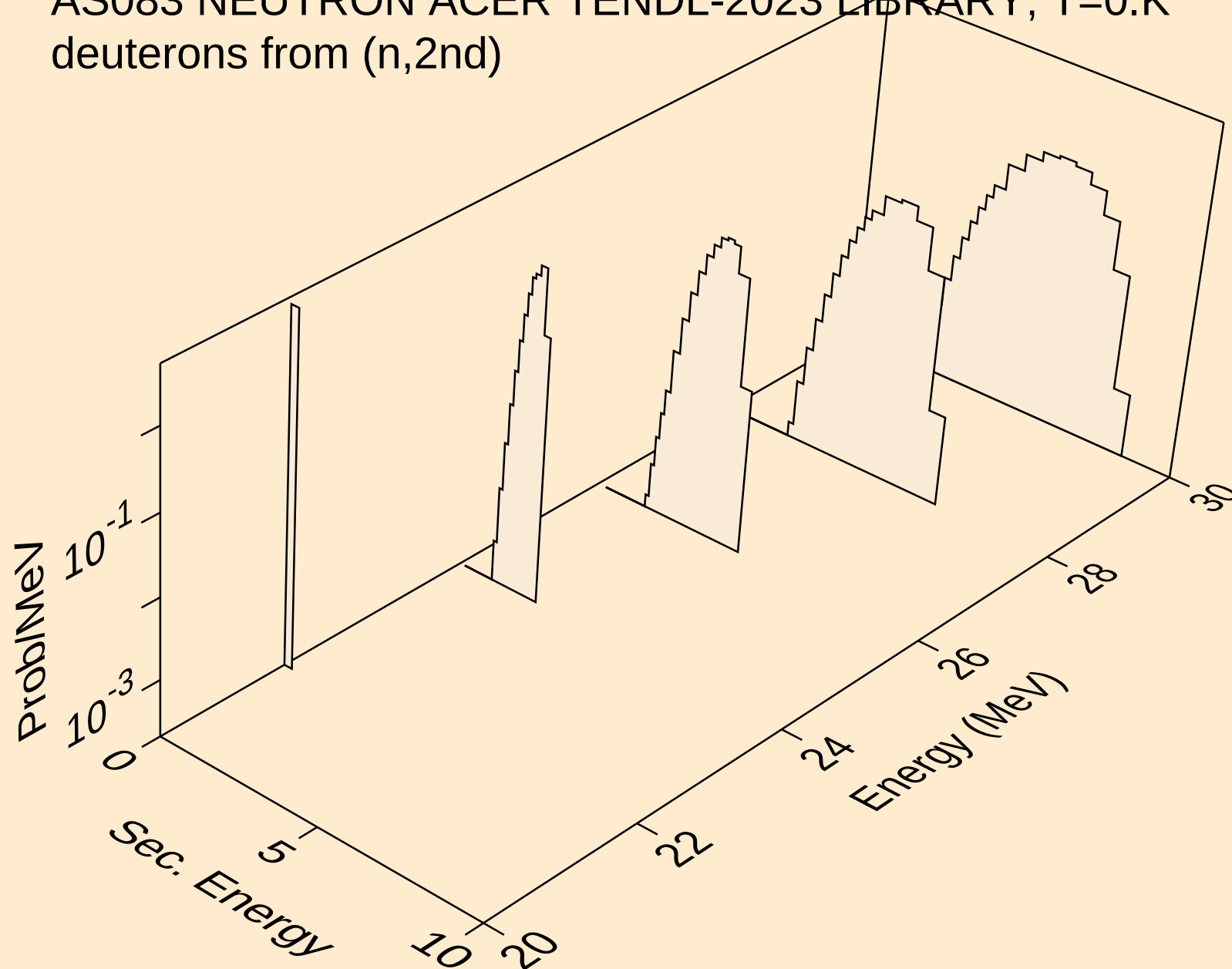
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protons from (n,p)



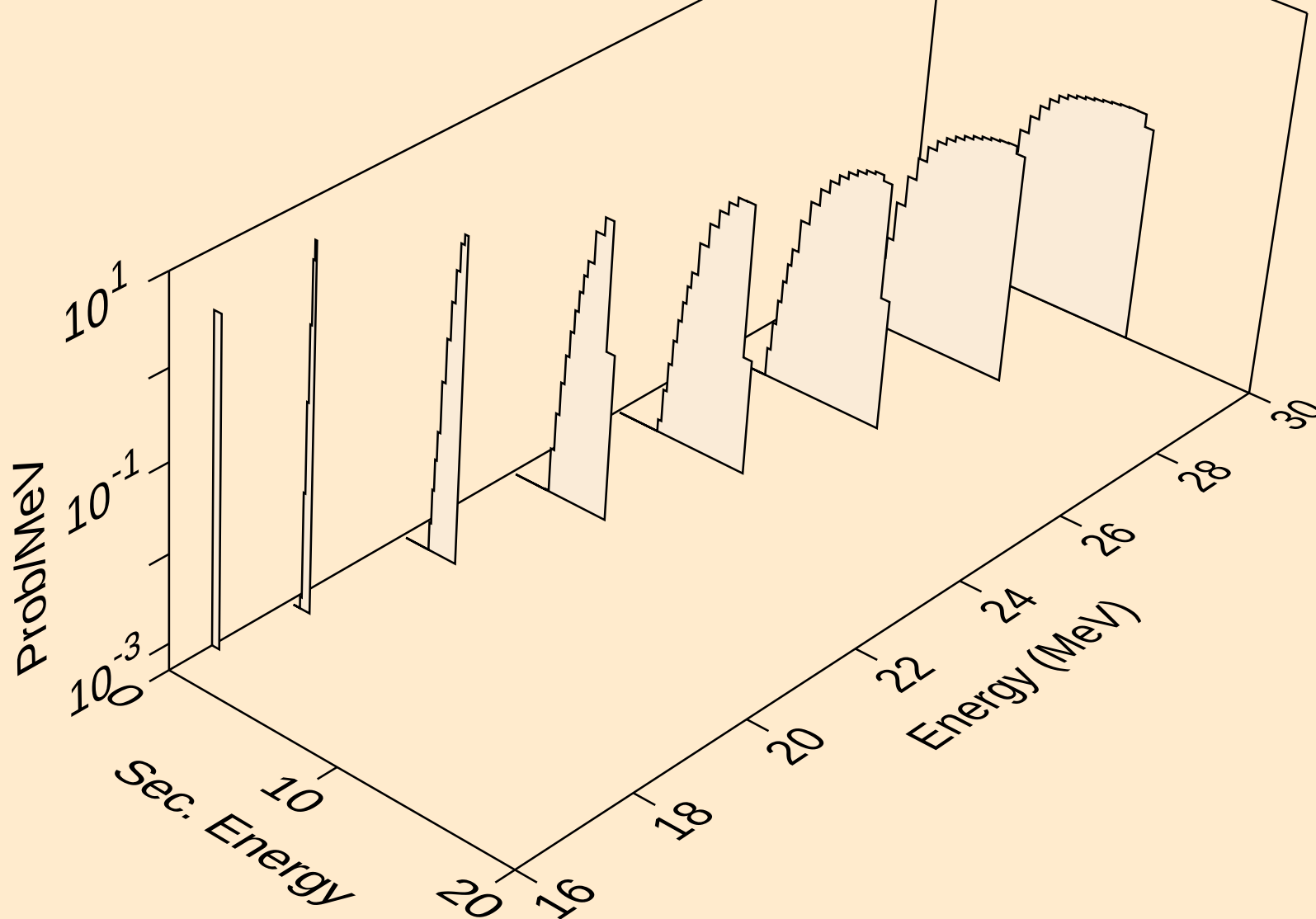
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deuterons from (n,x)



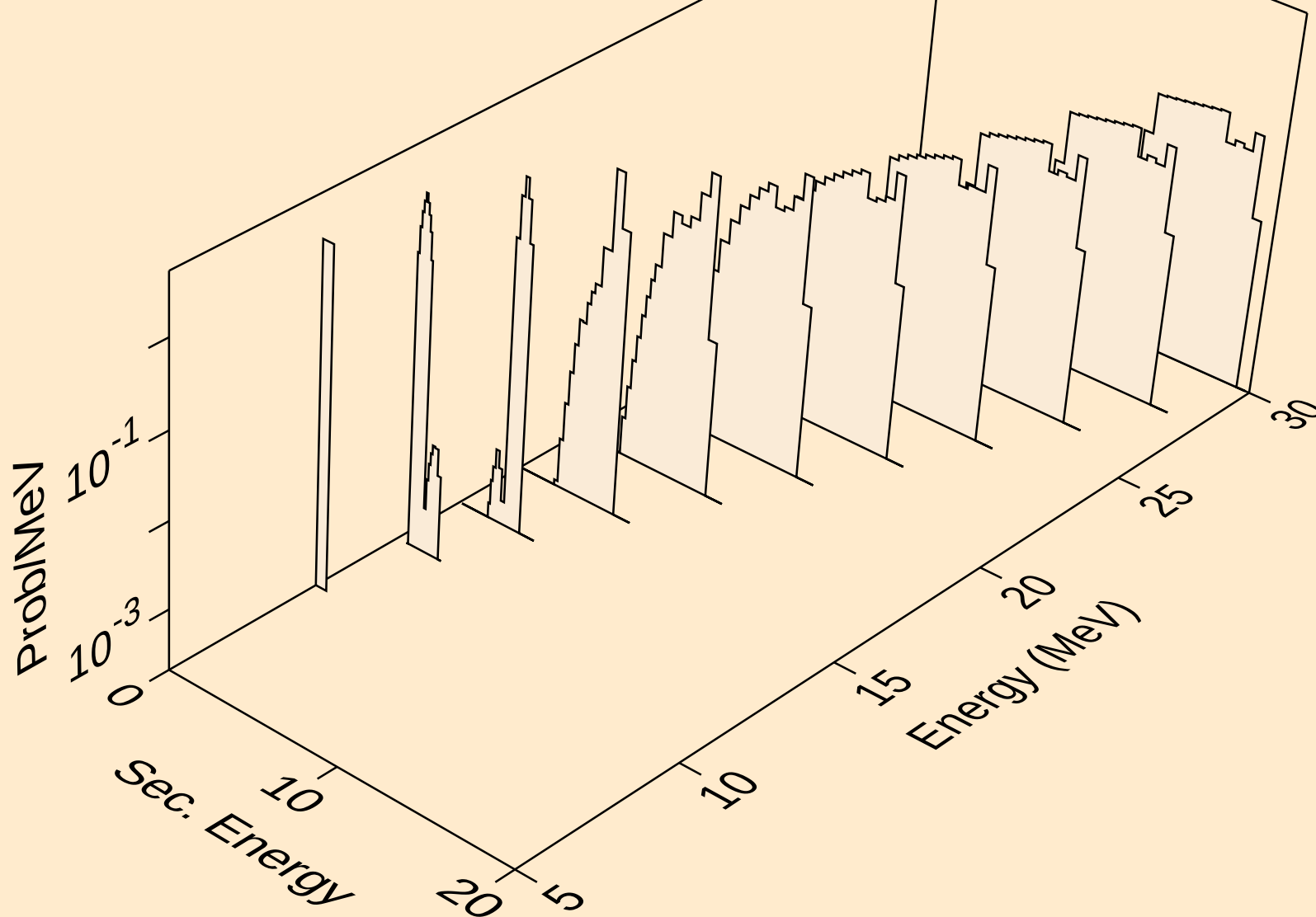
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deuterons from (n,2nd)



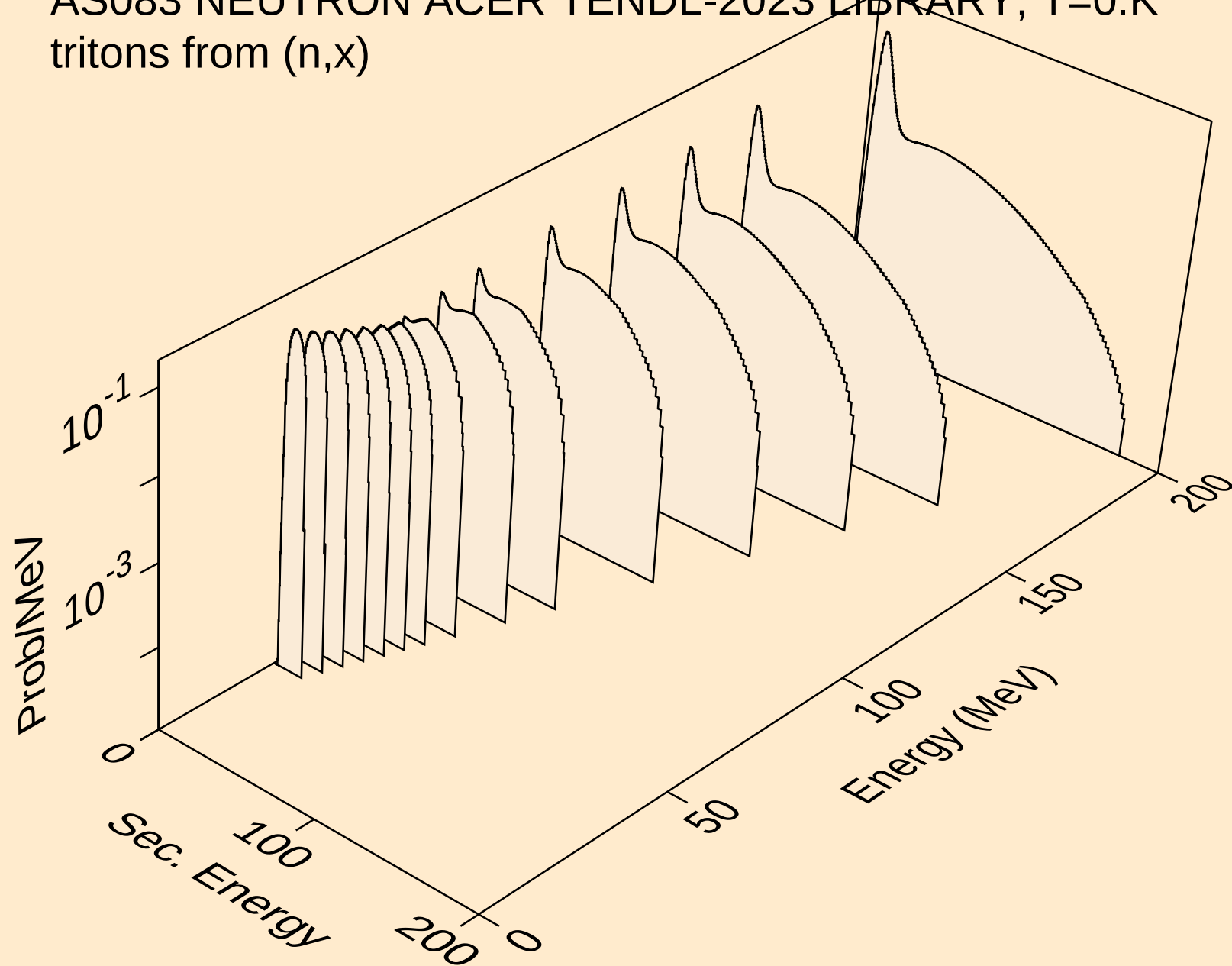
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



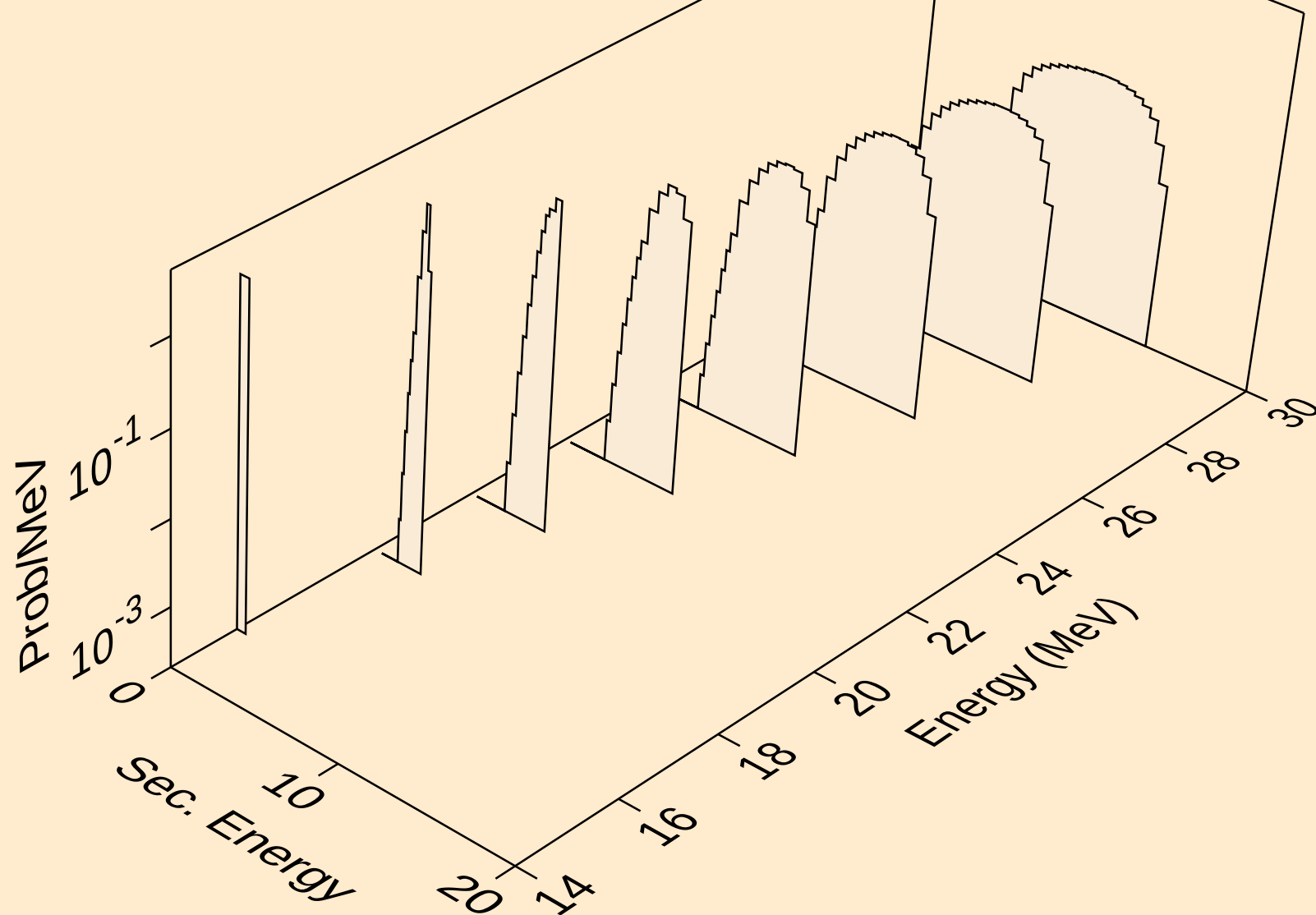
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deuterons from (n,d)



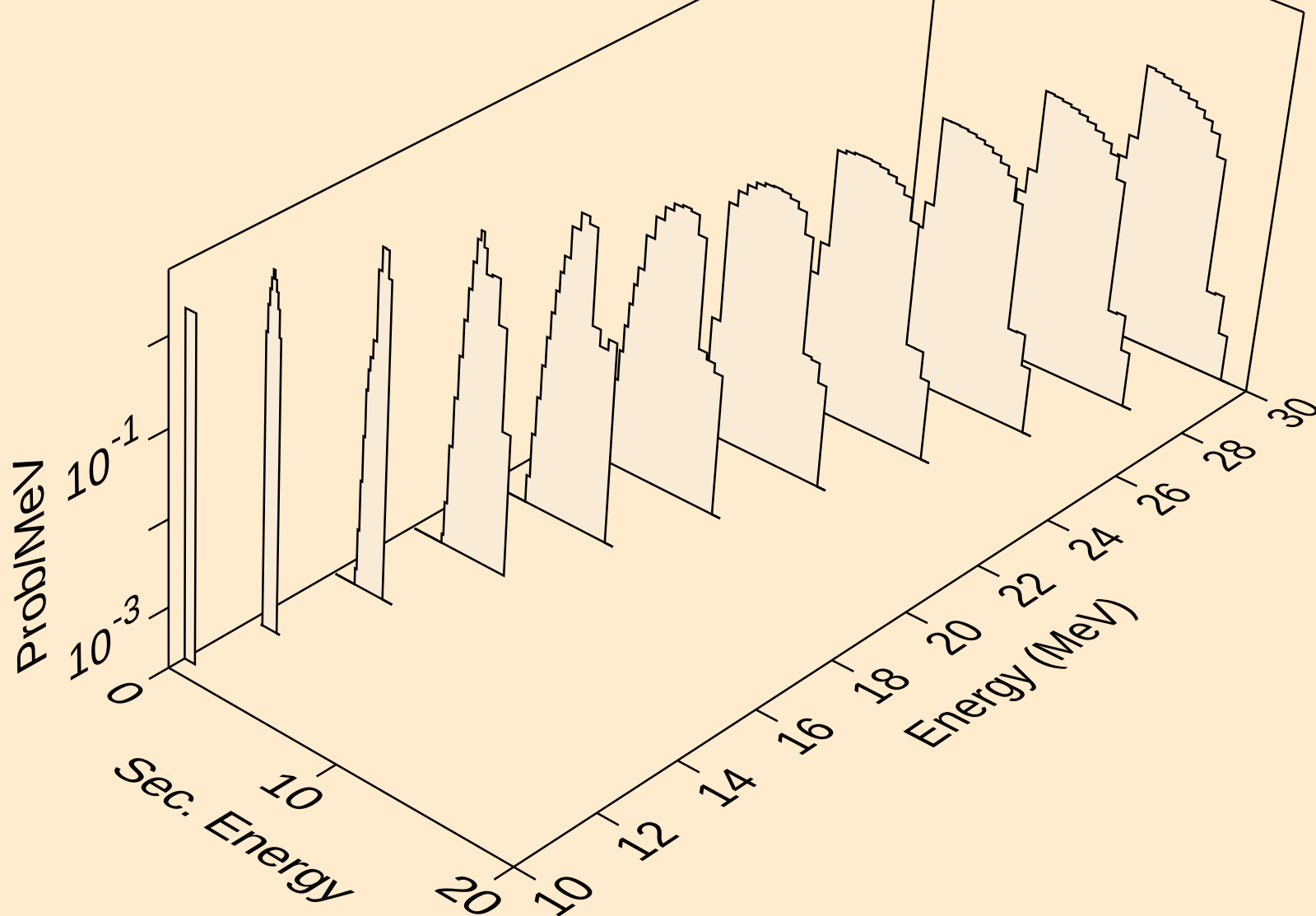
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tritons from (n,x)



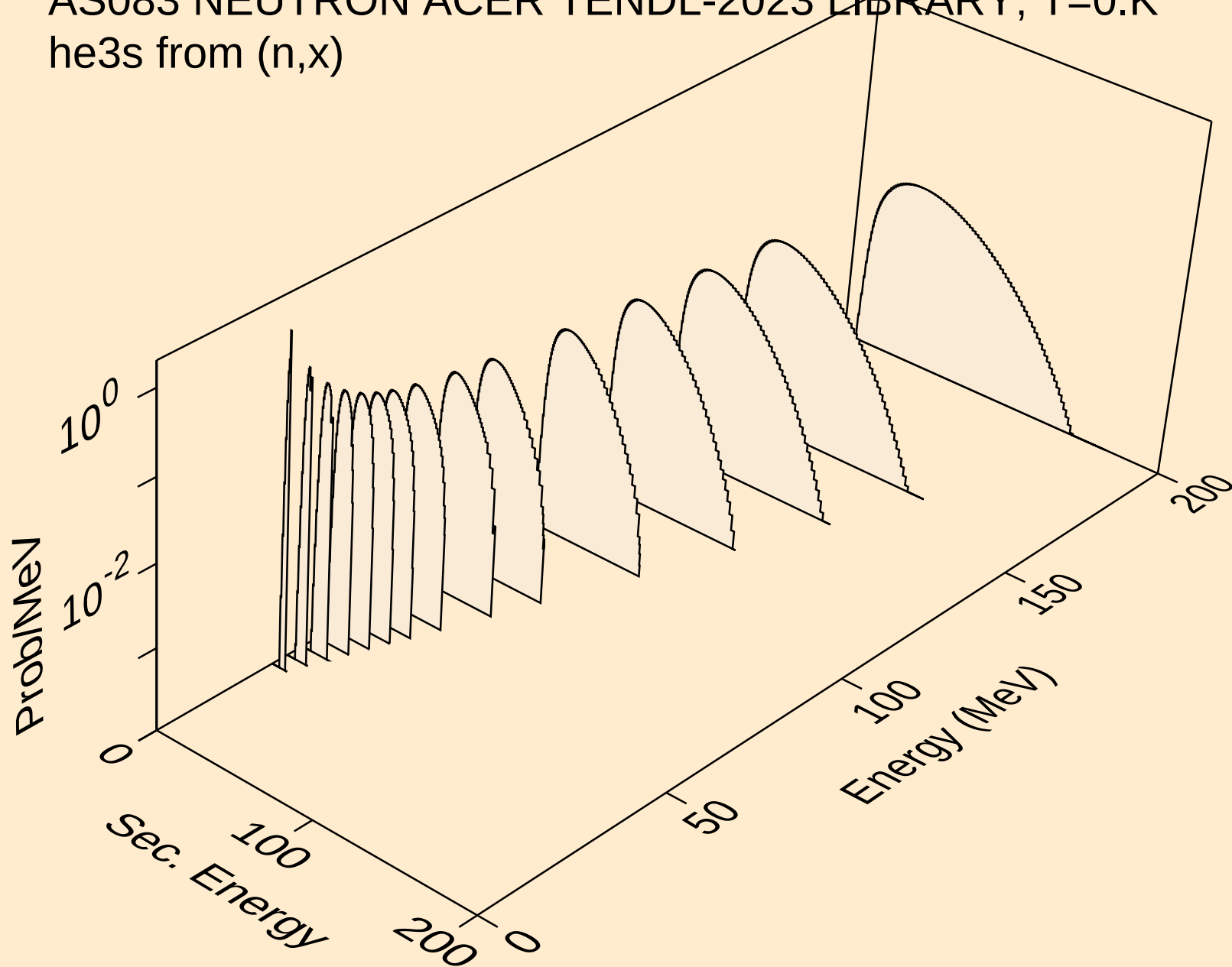
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



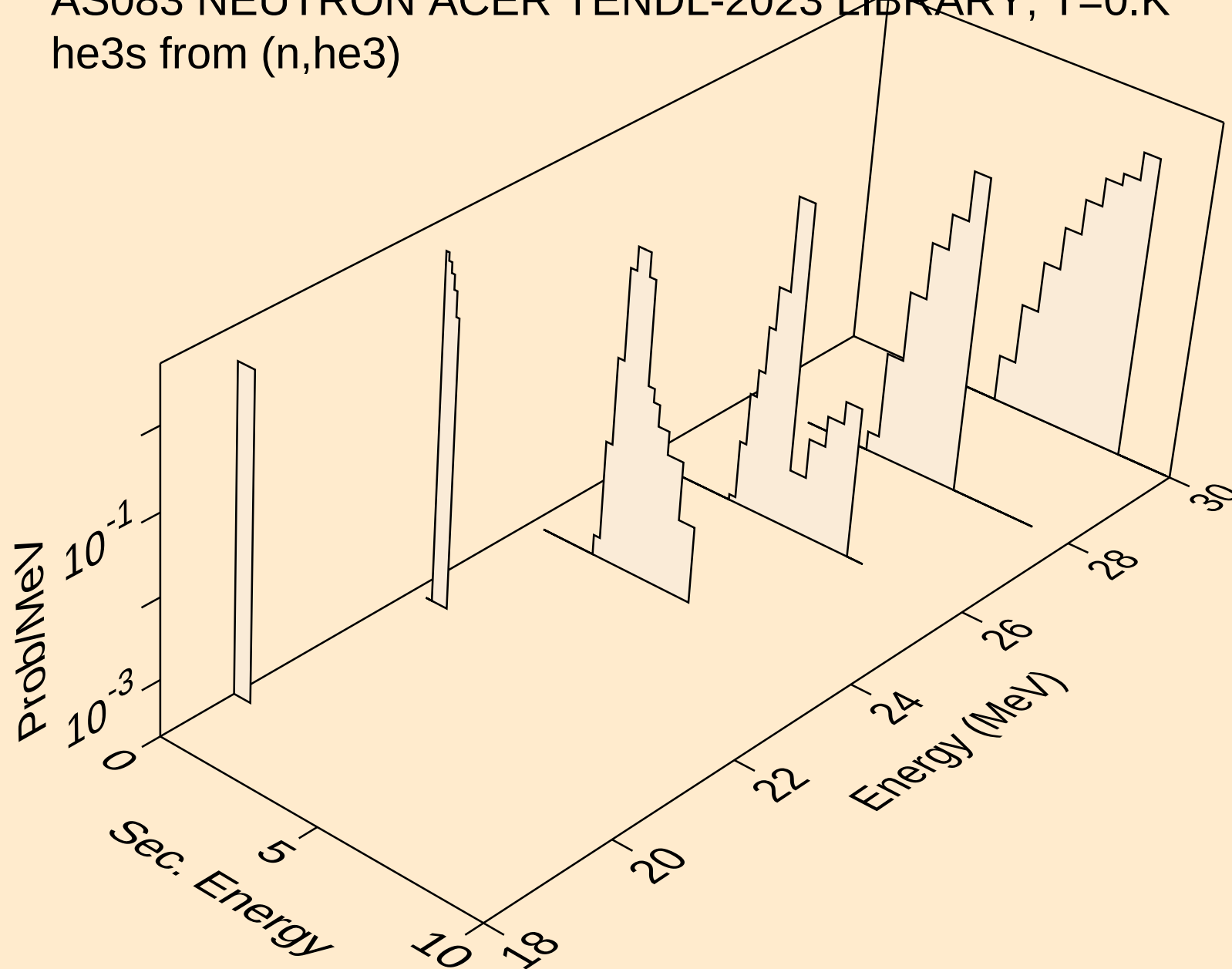
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tritons from (n,t)



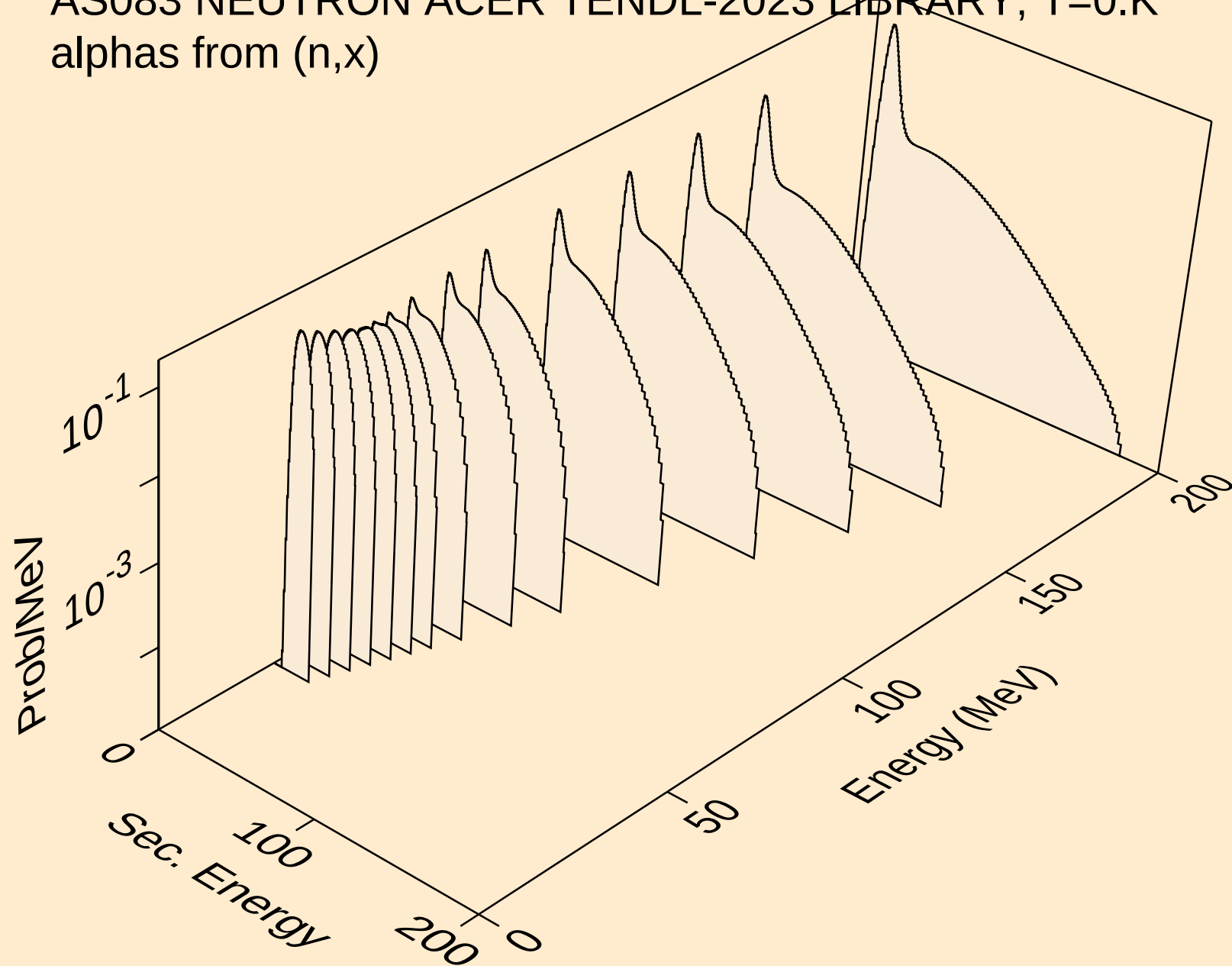
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he3s from (n,x)



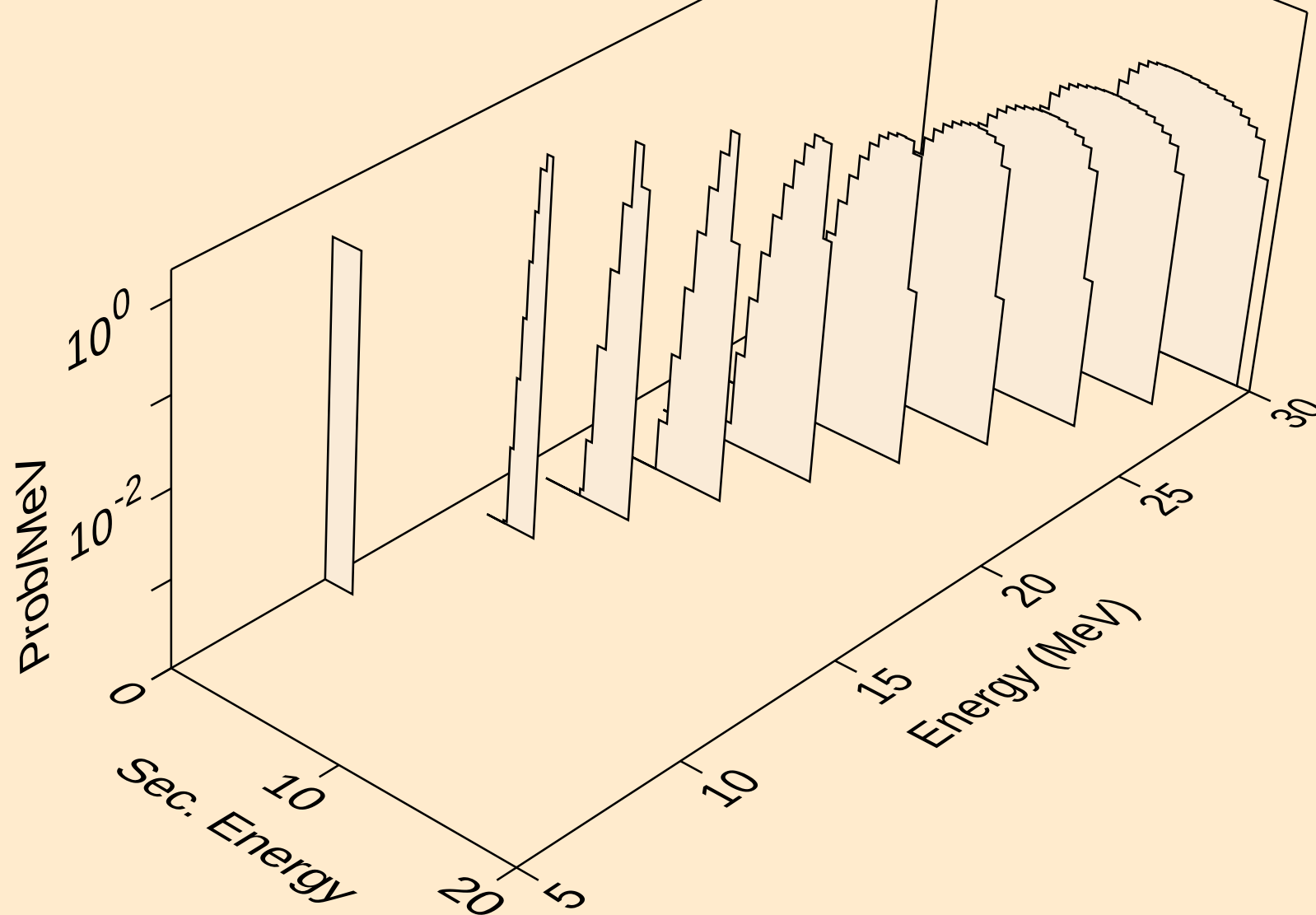
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he3s from (n,he3)



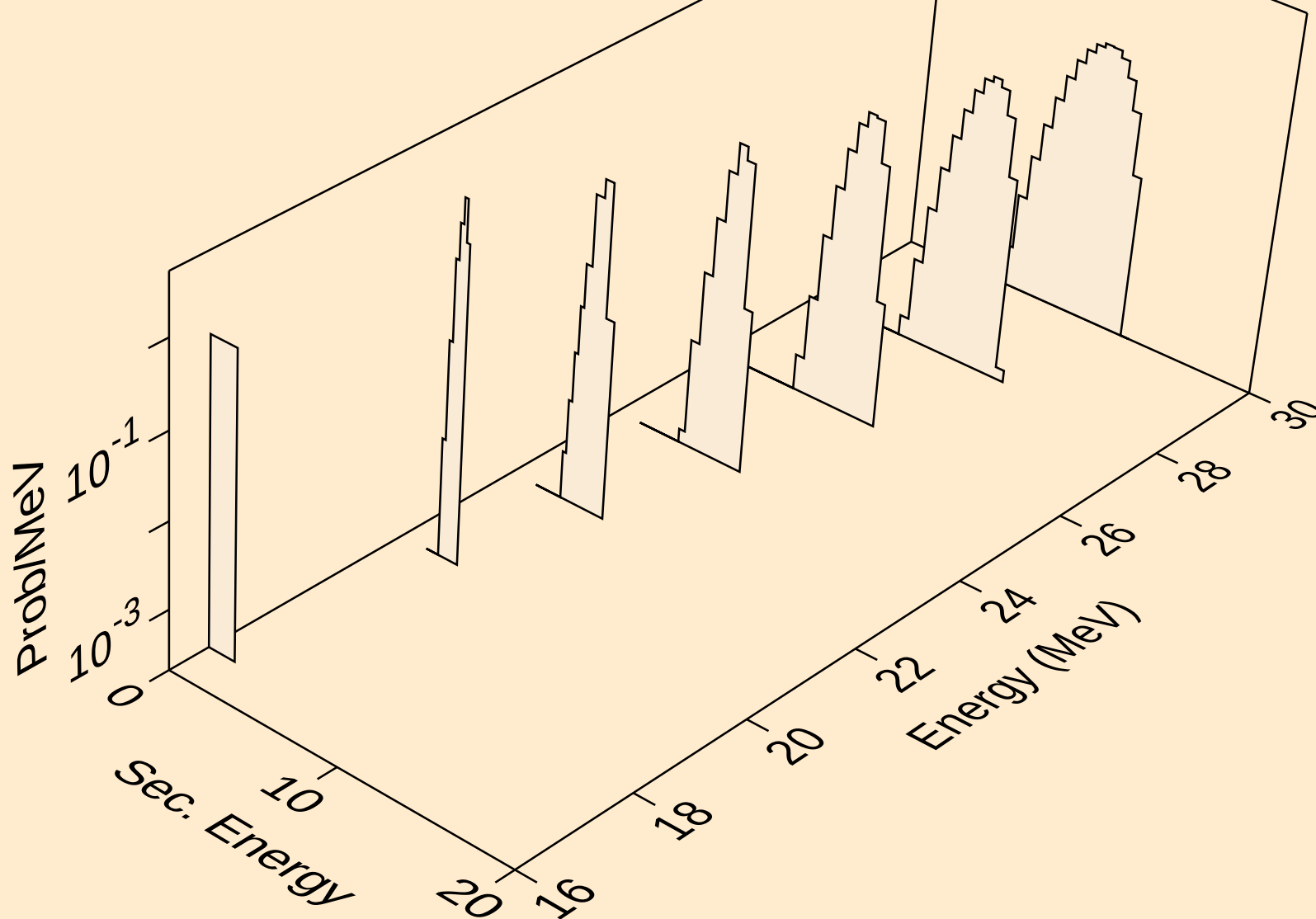
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



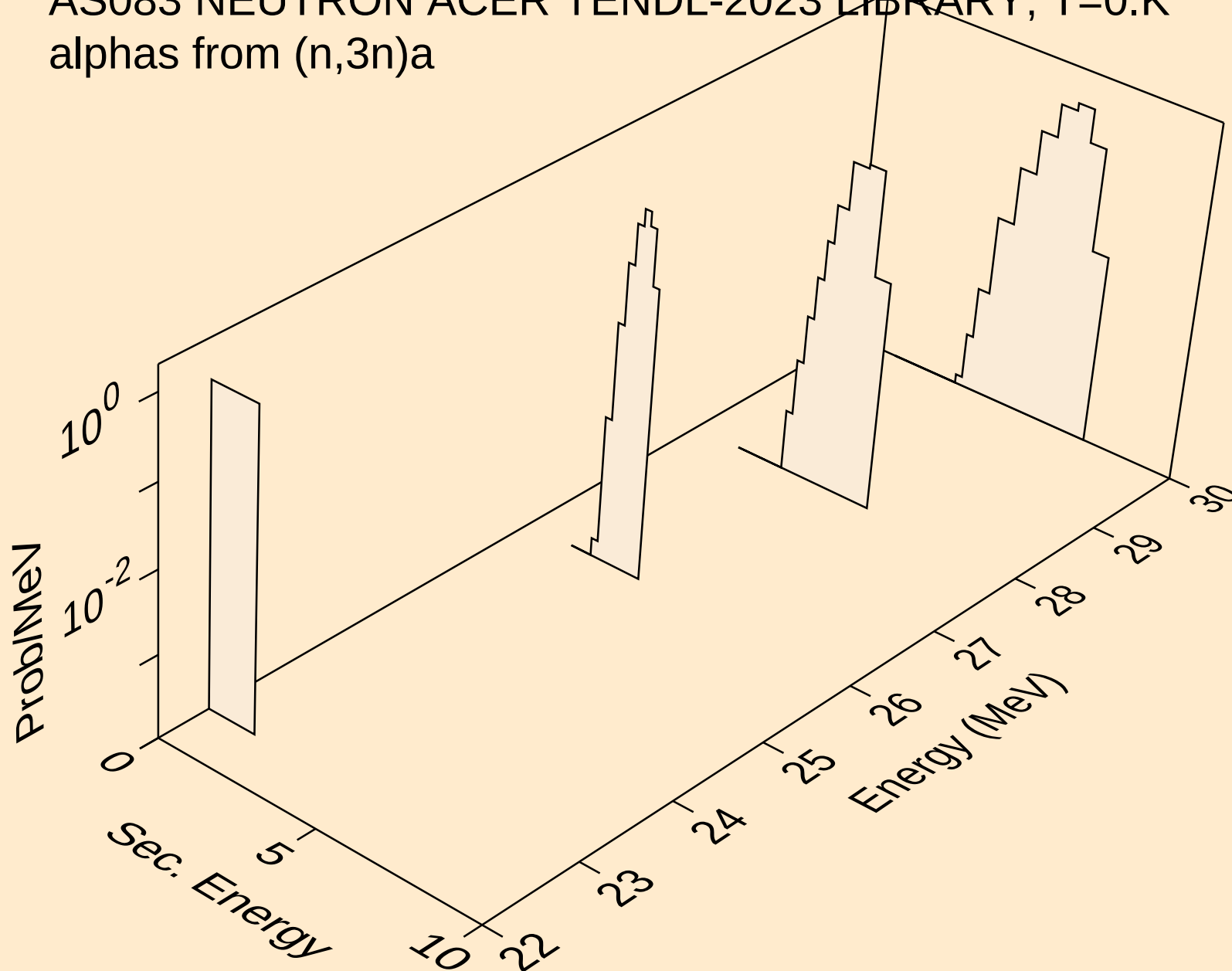
AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n) α



AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



AS083 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

